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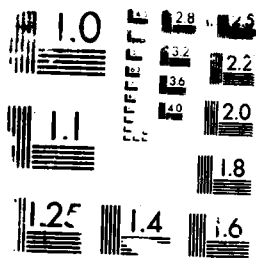
HECTOR FIELD FARGO NORTH DAKOTA REVISED UNIFORM SUMMARY
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. DEC 87
USAFETAC/DS-87/001

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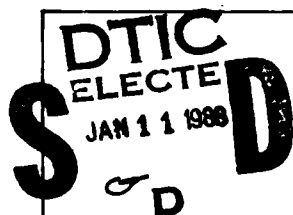
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USND 727530

USAFETAC/DS-87481

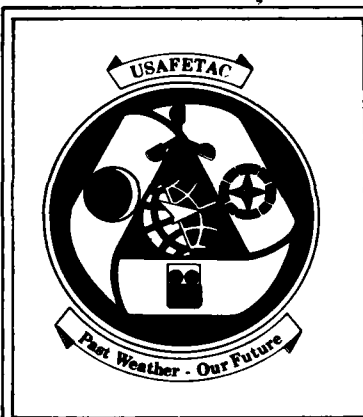
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OPERATING LOCATION - A

USAFETAC

Air Weather Service (MAC)



HECTOR FLD FARGO ND MSC#727530
N 46 55 W 096 49 ELEV 900 FT KFAR
PARTS A - F HOURS SUMMARIZED: 0000 - 2300 LST
PERIOD OF RECORD;
HOURLY OBSERVATIONS: JUN 77 - MAY 87
SUMMARY OF DAY DATA: JAN 48 - MAY 87

DEC 10 1987

FEDERAL BUILDING
ASHEVILLE, N.C. 28801 - 2723

88 1 3 001

REPORT DOCUMENTATION PAGE

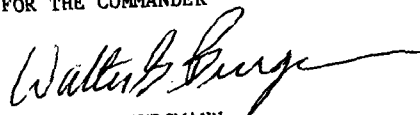
- 1a. Report Security Classification: UNCLASSIFIED
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- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
- 11 Title: (RUSSWO) Hector Field Fargo ND.
- 12 Personal Author(s):
- 13a Type of Report: Data Summary
- 13b Time Covered: Jan 48-May 87.
- 14 Date of Report: Dec 87
- 15 Page Count: 312
- 16 Supplementary Notation:
- 17 COSATI Codes: Field--04, Group--02
- 18 Subject Terms: *climatology; *weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Hector Field ND; Far go ND; Nouth Dakota; USND727530.
- 19 Abstract: A six-part statistical data summary of surface weather observations for: Hector Field Fargo ND. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
- 20 Distribution/Availability of Abstract: Same as report.
- 21 Abstract Security Classification: UNCLASSIFIED.
- 22a Name of Responsible Individual: Marianne L. Cavanaugh
- 22b Telephone: (618)256-2625
- 22c Office Symbol: USAFETAC/LDD

REVIEW AND APPROVAL STATEMENT

USAFETAC/DS-87/081 Hector Field Fargo ND (RUSSWO) Dec 1987 is approved for public release. There is no objection to unlimited distribution of this document to the public at large, or by the Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

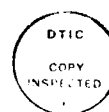
This document has been reviewed and is approved for publication.

FOR THE COMMANDER

A handwritten signature in dark ink, appearing to read "Walter S. Burghmann", with a long horizontal flourish extending to the right.

WALTER S. BURGMANN
Scientific and Technical Information Program Manager

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STATION NAME: HECTOR FLD/FARGO ND

STATION NUMBER: 727530

CALL ID: KFAH

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: JUN 77 - MAY 87

SUMMARY OF DAY DATA: JAN 48 - MAY 87

TIME CONVERSION LST TO GMT: +6

DATE PRODUCED: 27 OCT 1987

DL-A/USAFETAC/MAC/AWS
ASHEVILLE NC 28301

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPOSED OF THE WHO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WHO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WHO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
727530	Fargo, North Dakota, Hector Fld	N 46 55	W 096 49	900 ft	FAR	72753

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
	Hector Muni Apt, Fargo ND established Jul 01, 1934 Hector Apt, Fargo ND	WBAS	Jul 34	20 Dec36	46 54 N	096 48 W	899 ft	899 ft	24
		Same	20 Dec36	Nov 53	Same	Same	Same	913 ft	24
		Same	Nov 53	Aug 57	Same	Same	Same	912 ft	24
		Same	Aug 57	Dec 64	Same	Same	900 ft	Same	24
		Same	Jan 65	07 Apr65	Same	Same	Same	911 ft	24
		Same	07 Apr65	Jan 80	Same	Same	Same	Same	24
		Same	Jan 80	May 81	Same	Same	895 ft	NA	24
		Same	May 81	May 84	Same	Same	899 ft	911 ft	24
		Same	Jun 84	May 87	46 55 N	096 49 W	900 ft	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS. ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
	Jan 48 to Oct 53	Located on roof	anemometer	NA	47 ft	
	Nov 53 to 25 Jun61	Located on Tower	F420B	NA	86 ft	
	26 Jun61 to 10 Mar63	Located 1800 ft NNW of adm Bldg	F420C	NA	20 ft	
	11 Mar63 to Dec 68	Located 1500 ft NW of Adm Bldg	Same	NA	Same	

NUMBER OF CATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
	Dec 68	Located on Field	F420	NA	20 ft	gust recorder commissioned
	15 Dec 69	Located on Field	F420	F312	20 ft	
	to					
	25 Mar 81	Same	Same	Same	Same	
	26 Mar 81	Same	Same	Same	Same	
	to					
	Jun 83					

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WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

WEATHER CONDITIONS SUMMARY

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ATMOSPHERIC PHENOMENA SUMMARY

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET: SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS. AND/OR SLEET (ICE PELLETS).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOWS INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF ".6" INDICATES LESS THAN .05% OCCURRENCE WHICH IS USUALLY ONLY ONE OCCURRENCE
2. METAR STATIONS (BEGINNING IN JAN 1968) AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SMOKE, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE EFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN

HOURS (LST)	TSTMS	RAIN L/GR DRIZZLE	FRZING RAIN L/GR DRIZZLE	SNOW L/GR SLEET	HAIR	% OBS WITH PRECIP	FOG	SMOKE L/GR HAZE	BLOWING SNOW	DUST L/GR SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02		.3	.6	25.3		26.1	3.5		6.6		10.1	930
03-05			.9	25.3		25.6	4.6	.2	6.6		11.4	930
06-08			.2	26.5		26.5	4.5	.2	7.2	.1	12.0	930
09-11		.1	.3	24.5		24.8	6.7	.8	8.3		15.3	930
12-14		.3	.3	23.2		23.8	4.0	.1	11.5	.3	15.5	930
15-17		.4	.6	19.0		19.7	3.8		10.0	.5	13.7	930
18-20		.6	.5	24.2		24.9	2.9		8.2	.4	11.1	930
21-23		.1	.8	24.9		25.4	3.8		7.4	.2	11.2	930
TOTALS		.2	.5	24.1		24.6	4.2	.2	8.2	.2	12.5	7400

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB

HOURS (LST)	TSTMS	RAIN L/GR DRIZZLE	FRZING RAIN L/GR DRIZZLE	SNOW L/GR SLEET	HAIR	% OBS WITH PRECIP	FOG	SMOKE L/GR HAZE	BLOWING SNOW	DUST L/GR SAND	% OBS W/OBS TO VISION	TOTAL OBS
00-02		1.4	1.7	18.4		20.9	9.7	.1	2.7		12.4	846
03-05		1.8	1.9	21.5		24.5	10.6		3.2		13.9	846
06-08		1.5	1.4	20.9		23.4	13.2	.1	3.5		16.9	846
09-11		1.6	1.7	25.4		27.9	19.4	1.4	5.1	.4	25.7	846
12-14		2.0	.5	20.7		22.8	12.1	2.0	6.9	.4	21.0	846
15-17	.1	2.0	.5	16.1		18.2	10.3	1.9	6.3	.7	18.9	846
18-20		1.1	.2	17.5		18.3	8.6	1.3	3.9	.6	14.2	846
21-23		.9	.6	17.4		18.6	7.4	.6	3.3		11.1	846
TOTALS	.6	1.6	1.1	19.7		21.6	11.4	.9	4.4	.3	16.8	6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		4.3	.4	11.6		15.8	8.4		2.0		10.4	930
03-05		3.8	.9	11.5		15.7	9.5		1.7		11.2	930
06-08	.1	4.0	1.2	12.3		16.5	13.5	.1	2.5		15.6	930
09-11		5.5	1.0	11.7		17.2	12.9	.3	4.5	.3	17.6	930
12-14		3.0	.3	8.9		11.9	9.0	.3	4.0	.9	14.0	930
15-17		4.2	.6	9.6		13.1	8.6	.9	3.9	1.1	14.2	930
18-20		5.3	.5	9.5		14.0	7.8	.9	2.9	.5	11.5	930
21-23		5.7	.4	10.9		16.3	7.3	.2	2.0		9.4	930
TOTALS	.0	4.5	.7	10.8		15.1	9.6	.3	2.9	.4	13.0	7440

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		6.3		3.4		9.2	5.0		.4	.3	5.7	900
03-05	.3	7.4		3.9		10.9	4.1		.7	.2	5.0	900
06-08	.3	6.7		3.6		10.2	6.6		.9	.2	7.7	900
09-11		5.8		3.7		8.9	3.9	.6	1.6	1.0	6.9	900
12-14	.1	6.3		2.2		8.1	3.3	.3	1.0	1.2	5.8	900
15-17	.1	6.6		1.7	.1	8.1	3.1	.3	.4	1.1	5.0	900
18-20	.3	7.7	.1	2.2		9.9	2.3	.2	.4	.1	3.1	900
21-23	.1	7.9		3.3		10.9	2.3	.2	.3	.1	2.9	900
TOTALS	.2	6.8	.0	3.0	.0	9.5	3.8	.2	.7	.5	5.3	7200

GLOBAL CLIMATOLOGY BRANCH
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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.5	8.0		.5	.1	8.5	2.8	.2		.1	3.1	930
03-05	.5	9.0		.3		9.2	5.1			.1	5.2	930
06-08	.5	7.4		.2		7.6	6.3	1.3			7.5	930
09-11	.3	7.3				7.3	3.1	.8		.2	4.1	930
12-14	.6	7.1				7.1	1.7	.9		.5	3.1	930
15-17	1.0	6.8				6.8	1.8			.6	2.5	930
18-20	1.3	8.0				8.6	2.0	1.0		.6	3.7	927
21-23	1.4	8.1		.1		8.2	1.3	.1		.5	1.9	927
TOTALS	.9	7.8		.1	.0	7.9	3.0	.5		.3	3.9	7434

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	2.2	5.6				5.6	2.2	.3		.1	2.4	900
03-05	2.7	7.6				7.6	4.7	.2			4.7	900
06-08	1.9	8.2				8.2	4.1	.3			4.3	900
09-11	.7	8.1				8.1	2.1	.3		.1	2.4	900
12-14	.8	7.9				7.9	1.7				1.7	900
15-17	1.0	7.3				7.3	1.2			.2	1.4	900
18-20	1.2	6.0				6.0	.9	.2		.4	1.6	900
21-23	2.2	6.1				6.1	.9			.3	1.2	900
TOTALS	1.6	7.1				7.1	2.2	.2		.1	2.5	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIR	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	3.5	5.3			.1	5.3	1.3	.3			1.6	930
03-05	2.6	6.0				6.0	3.9	.3			4.2	930
06-08	1.6	7.2			.1	7.2	5.4	.8			5.6	930
09-11	1.7	5.8				5.8	2.2	.6			2.7	930
12-14	1.3	4.1			.1	4.1	.4	.4			.9	930
15-17	1.3	3.1				3.1	.3				.3	930
18-20	1.4	3.4			.1	3.4	.2			.1	.3	930
21-23	3.7	4.0				4.0	.3				.3	930
TOTALS	2.1	4.9			.1	4.9	1.8	.3		.0	2.0	7440

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIR	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.7	4.7				4.7	3.0	.1			3.1	930
03-05	1.8	6.8				6.8	6.5				6.5	930
06-08	1.5	6.6				6.6	11.4	.6			11.8	930
09-11	1.3	6.1				6.1	4.8	.8			5.4	930
12-14	1.3	6.9				6.9	2.4	.5			2.9	930
15-17	1.4	5.9				5.9	1.1	.6			1.7	930
18-20	2.2	5.8				5.8	1.0	1.1			2.0	930
21-23	2.0	4.3				4.3	.9	.9			1.7	930
TOTALS	1.7	5.9				5.9	3.9	.6			4.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OF DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OF SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OF HAZE	BLOWING SNOW	DUST E/OF SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.6	6.4		.1		6.6	4.7				4.7	900
03-05	.3	5.2				5.2	5.7	.1			5.8	900
06-08	.2	9.6		.1		9.9	8.2	.7			8.9	900
09-11	.6	10.1		.2		10.1	5.4	.8			6.2	900
12-14	.6	10.0		.1		10.0	3.9	.8			4.7	900
15-17	.9	8.6				8.8	3.4	.1			3.6	900
18-20	1.0	10.1				10.1	3.8	.4			4.2	900
21-23	.8	7.6		.1		7.8	2.7				2.7	900
TOTALS	.7	8.5		.1		8.6	4.7	.4			5.1	7200

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OF DRIZZLE	FRZING RAIN E/OF DRIZZLE	SNOW E/OF SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OF HAZE	BLOWING SNOW	DUST E/OF SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.5	9.6		1.0		10.8	5.1	.4			5.5	930
03-05	.3	6.0		2.2		10.0	6.2	.2			6.6	930
06-08	.1	6.3		1.9		10.1	10.8	.4			11.2	930
09-11	.1	9.8		.9		10.2	9.1	1.1			10.2	930
12-14	.1	10.6	.1	1.7		11.5	8.1	1.2			9.2	930
15-17	.5	10.0		.8		10.8	6.6	.2			6.8	930
18-20	.8	10.9		2.3	.1	11.9	5.4	.2			5.6	930
21-23	.3	12.0		2.4		13.4	4.3	.3	.3		4.9	930
TOTALS	.3	9.9	.0	1.6	.3	11.1	7.0	.5	.0		7.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		2.7	1.0	15.2		18.3	9.4	.2	3.1		12.5	900
03-05		2.2	1.0	15.3		17.8	12.0	.1	2.7		14.9	900
06-08		2.3	.4	14.6		17.0	13.4	.1	2.6		16.0	900
09-11		3.3		14.9		17.9	14.1	.7	2.8		17.4	900
12-14		3.0	.2	14.3		16.9	7.9	.4	3.2		11.4	900
15-17		3.0	.6	14.3		17.2	5.6	.3	2.8		8.7	900
18-20		2.2	.7	16.3		18.0	4.8	.6	1.9		7.2	900
21-23		1.6	.6	16.2		18.6	5.7	.7	2.9		9.2	900
TOTALS		2.5	.6	15.1		17.6	9.1	.4	2.8		12.2	7200

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		.6	1.6	15.9		17.8	10.8		3.5		14.3	930
03-05		.8	1.6	17.3		19.5	10.6		3.7		14.3	930
06-08		1.0	1.6	20.1		22.5	11.2		4.8		16.0	930
09-11		.9	1.6	23.5		25.7	12.9	.4	5.4	.3	18.4	930
12-14		.6	1.0	22.0		23.4	7.3	.6	7.5	.4	15.5	930
15-17		.9	.8	17.8		19.4	7.1	.4	5.8	.6	13.7	930
18-20		.3	1.0	17.4		18.4	7.3		4.1	.3	11.7	930
21-23		.2	1.9	18.0		19.7	8.6		2.9		11.5	930
TOTALS		.7	1.4	19.0		20.8	9.5	.2	4.7	.2	14.4	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
MONTH: ALL

HOURS (LST)	TSTMS	RAIN 6/0R DRIZZLE	FRZING RAIN 6/0R DRIZZLE	SNOW 6/0R SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE 6/0R HAZE	BLOWING SNOW	DUST 6/0R SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN ALL		.2	.5	24.1		24.6	4.2	.2	8.2	.2	12.5	7440
FEB		.0	1.0	1.1		21.0	11.4	.9	4.4	.3	16.8	6768
MAR		.0	4.5	.7		15.1	9.6	.3	2.9	.4	13.0	7440
APR		.2	6.6	.0	.0	9.5	3.8	.2	.7	.5	5.3	7200
MAY		.9	7.0		.0	7.9	3.0	.5		.3	3.9	7434
JUN		1.6	7.1			7.1	2.2	.2		.1	2.5	7200
JUL		2.1	4.9		.1	4.9	1.8	.3		.0	2.0	7440
AUG		1.7	5.9			5.9	3.9	.6			4.4	7440
SEP		.7	8.5	.1		8.6	4.7	.4			5.1	7200
OCT		.3	9.9	.0	.0	11.1	7.0	.5	.0		7.5	7440
NOV			2.5	.6		17.6	9.1	.4	2.8		12.2	7200
DEC			.7	1.4		20.8	9.5	.2	4.7	.2	14.4	7440
TOTALS		.6	5.0	.4	.0	12.9	5.9	.4	2.0	.2	8.3	87642

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGG ND

PERIOD OF RECORD: 49-47
MONTH: ALL

MONTH	TSMS	RAIN C/OK DRIZZLE	FRZING RAIN C/OK DRIZZLE	SNOW C/OK SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE C/OK HAZE	BLOWING SNOW	DUST C/OK SAND	% OBS W/LEST TO VISION	TOTAL OBS
JAN		7.0	6.0	68.2		70.2	21.5	5.4	33.0	.5	49.0	1209
FEB	.1	12.1	8.3	59.2		63.4	27.6	7.3	21.7	.3	46.6	1089
MAR	.7	17.9	4.9	48.4		56.6	27.8	5.4	12.9	.9	39.5	1209
APR	3.8	37.5	1.2	21.5	.7	48.4	20.9	2.6	3.2	.5	24.4	1170
MAY	12.7	48.6		3.2	1.2	49.9	18.5	2.3	.2	.3	19.8	1209
JUN	24.6	53.9			1.9	53.9	16.8	2.2		.2	17.5	1140
JUL	28.1	47.5			1.4	47.9	12.5	2.8			13.6	1178
AUG	20.6	44.4			1.6	44.4	16.9	3.7			18.6	1176
SEP	10.0	43.1		.9	.2	43.1	20.2	2.1			21.0	1140
OCT	3.3	35.0	.7	10.6	.1	39.6	19.5	4.0	.5		21.2	1177
NOV	.3	19.7	5.8	41.7		51.0	22.4	4.7	7.0		29.6	1129
DEC	.1	13.0	10.3	62.5		65.5	29.7	4.8	20.6	.1	47.1	1177
TOTALS	8.7	31.7	3.1	26.3	.6	52.8	21.2	4.0	8.3	.2	29.0	14005

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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA IS SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATIONS COUNTS.

AN ASTERISK "*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVS FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDREDTHS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: ".0" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 48-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.03	.04	.05	.06	.07	.08	.09	.10	.11	.12	.13	.14	.15	.16	.17	.18	.19	.20	.21	.22	.23	.24	.25	.26	.27	.28	.29	.30	.31	OVER	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
																																					MEAN	GREATEST	LEAST
JAN	30.1	42.5	6.4	11.5	4.6	2.4	1.3	.3																										27.4	1240	.59	1.36	.09	
FEB	36.8	39.1	6.8	9.4	4.2	2.1	1.3	.3																										24.1	1130	.46	1.74	.03	
MAR	43.7	31.5	5.4	8.1	3.0	4.8	2.3	1.0	.1																									24.8	1240	.89	2.27	.03	
APR	51.1	20.9	3.3	6.6	4.6	5.7	3.8	2.7	.7																									27.7	1200	1.70	5.26	.04	
MAY	50.6	18.2	3.6	7.4	4.5	6.0	4.8	3.6	1.1	.1																								31.2	1240	4.35	7.30	.40	
JUN	46.2	19.0	3.3	7.4	4.7	6.7	6.6	4.5	1.2	.3																								34.9	1170	3.04	9.40	.56	
JUL	52.1	16.5	4.3	6.0	4.5	6.2	4.0	3.5	2.6	.4																								31.4	1204	3.31	6.42	.42	
AUG	55.5	16.1	3.6	6.7	3.4	6.0	4.5	2.5	1.7	.1																								28.4	1209	4.37	6.46	.16	
SEP	57.3	16.3	3.1	6.9	4.8	5.4	3.1	2.3	.7	.2																								26.4	1170	1.79	6.13	.13	
OCT	61.0	17.6	2.6	5.1	2.7	5.1	2.6	2.1	.8	.1																								21.4	1209	1.55	7.03	.05	
NOV	49.2	31.6	3.5	6.6	2.3	3.8	1.5	.9	.4																									19.0	1170	.60	4.58	.04	
DEC	34.8	39.7	5.8	9.4	4.7	3.8	1.4	.5																										25.6	1209	.64	2.19	.04	
ANN	47.4	25.7	4.3	7.6	4.0	4.9	3.1	2.0	.8	.1																								26.9	14396	15.59			

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753C STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 44-87

24 HOUR AMOUNTS IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	.33	.57	.28	1.14	.55	1.69	1.58	.25	.36	.29	.31	.11	1.69
49	.68	.71	.23	.02	.99	.88	1.03	.61	.21	1.19	.20	.67	1.63
50	.32	.12	1.07	.34	1.17	.94	.16	.16	.59	.48	.25	.16	1.17
51	.15	.57	.32	.23	.64	.78	1.86	1.53	.37	.62	.24	.52	1.86
52	.57	.10	.27	.18	.24	.53	3.93	1.73	.15	.05	1.25	.10	3.93
53	.11	.21	.17	1.04	.70	2.05	.39	1.30	.44	.24	.46	.29	2.05
54	.12	.01	.27	.38	.35	.92	.85	1.06	1.13	.25	.05	.16	1.13
55	.05	.42	.17	.11	.66	.50	1.67	.28	.40	.13	.17	.25	1.67
56	.27	.13	.58	.85	.87	.81	1.36	.58	.60	.65	.71	.09	1.36
57	.09	.10	.04	.90	.64	2.77	1.01	.66	3.37	.98	.63	.03	3.37
58	.06	.06	.01	.54	.35	1.16	2.70	1.77	.23	.59	.52	.02	2.70
59	.11	.09	.06	.25	.93	1.51	2.18	1.19	.33	.78	.19	.29	2.18
60	.05	.03	.33	1.61	.69	.62	1.34	1.68	.59	1.06	1.62	.73	1.68
61	.05	.05	.34	.84	.93	.50	1.05	1.00	1.48	.65	.02	.15	1.48
62	.28	.35	.34	.44	1.50	1.15	1.72	1.69	.81	.59	.26	.09	1.72
63	.04	.14	.14	1.65	1.16	.54	.16	2.10	.28	.18	.12	.18	2.10
64	.27	.10	.41	1.46	.39	2.69	.35	1.51	.49	.08	.52	.28	2.69
65	.07	.10	.60	1.35	.60	.73	1.26	.94	.87	.36	.31	.30	1.35
66	.31	.18	.67	.74	.55	.72	1.55	1.19	.24	.71	.07	.18	1.55
67	.35	.04	.15	.96	.57	.90	.25	.16	.10	.56	.01	.57	.96
68	.10	.12	.64	.91	.45	.82	.70	.58	.49	.72	.14	.28	.91
69	.28	.13	.33	1.05	.98	.99	2.85	.31	.84	.43	.09	.21	2.85
70	.02	.05	.85	1.02	.81	.94	.24	.85	2.86	.25	.38	.24	2.86
71	.39	.26	.25	.61	1.15	.78	.76	.23	2.15	1.37	.56	.13	2.15
72	.57	.18	.35	.57	1.38	.25	1.05	.96	.67	.37	.11	.63	1.38
73	.06	.76	.62	.10	.60	.42	1.33	1.65	2.07	.86	.35	.42	2.07
74	.10	.09	.22	1.00	1.05	.37	2.95	2.78	.10	1.60	.46	.09	2.95
75	.22	.07	.64	.59	.51	2.78	.99	1.20	.65	.78	.31	.09	2.78
76	.33	.26	.42	.34	.34	.46	.30	.13	.45	.14	.17	.06	.46
77	.20	.73	.70	.31	4.02	.59	3.06	.95	1.00	1.52	1.50	.49	4.02

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753C STATION NAME: HECTER FLD FARGO ND

PERIOD OF RECORD: 46-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
76	.24	.09	.24	.35	.44	2.41	1.45	1.94	.25	.08	.66	.23	2.41
79	.14	.41	.59	.87	.43	1.21	2.33	.30	.22	1.73	.17	.12	2.03
80	.78	.22	.27	.01	.39	.69	.22	1.81	1.33	.60	.21	.09	1.81
81	.03	.23	.29	.31	1.63	.72	1.44	.71	.52	.56	.14	.31	1.63
82	.47	.33	.39	.13	.52	.54	1.12	.38	.29	3.10	.54	.09	3.10
83	.23	.16	.59	.22	.57	.93	1.47	1.32	.57	.62	.40	.35	1.47
84	.27	.26	.32	.43	.26	1.67	.39	.14	.30	1.79	.08	.59	1.79
85	.06	.12	.43	.38	1.29	.09	1.15	.95	.45	.43	.52	.26	1.29
86	.45	.13	.07	1.78	.63	1.65	1.50	.72	1.61	.02	.71	.16	1.65
87	.19	.33	.17	.10	1.05								
MEAN	.230	.196	.366	.659	.825	1.069	1.325	1.006	.776	.703	.396	.257	2.002
S.D.	.189	.162	.246	.477	.626	.602	.692	.649	.747	.613	.371	.189	.812
TOTAL OBS	1740	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14356

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 49-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	.77	1.61	.67	2.44	1.05	4.57	4.10	.88	.85	.53	.76	.37	18.79
49	1.24	.52	.36	.02	3.54	2.72	4.95	1.19	.36	2.76	.79	1.31	19.77
50	1.36	.26	2.21	1.74	5.00	2.29	.42	.42	1.54	.99	.50	.60	17.38
51	.45	.72	.85	.46	1.63	2.36	3.77	5.64	.79	1.69	.70	2.19	21.25
52	1.07	.30	.68	.24	.47	2.03	8.42	2.69	.15	.08	1.67	.47	18.27
53	.37	.57	.46	2.94	3.44	5.23	1.08	2.94	.75	.32	.77	.70	19.57
54	.47	.72	.65	1.13	.61	1.46	2.34	2.60	2.68	.59	.17	.25	13.18
55	.18	.97	.63	.46	1.81	2.62	6.86	1.11	1.27	.34	.70	.47	17.44
56	.72	.18	.91	1.45	1.63	2.05	3.58	1.75	.83	1.14	1.60	.31	16.55
57	.31	.22	.08	1.90	2.00	5.47	4.72	1.68	6.13	1.64	.82	.35	25.03
58	.16	.15	.03	1.39	1.41	5.08	5.74	3.93	.71	.72	1.56	.04	20.54
59	.13	.20	.06	.66	1.88	4.78	4.26	3.02	.77	1.61	.31	.53	18.23
60	.17	.06	.11	3.62	1.71	1.62	2.40	3.91	1.26	1.34	1.63	1.01	19.04
61	.09	.15	.38	2.27	2.71	1.36	3.00	1.02	4.44	1.70	.06	.57	17.78
62	1.07	.97	1.08	1.51	5.95	2.78	5.92	3.25	3.15	.86	.54	.30	27.38
63	.13	.33	.51	2.67	2.61	1.69	.66	4.41	1.19	.23	.12	.39	14.54
64	.54	.27	.42	3.76	.87	4.85	.77	2.85	1.70	.10	.72	.91	18.26
65	.10	.14	1.36	3.04	3.06	3.10	4.81	2.55	3.50	.55	.79	1.01	24.01
66	.40	.26	1.92	1.74	1.27	2.91	4.01	3.80	.54	1.40	.18	.50	18.97
67	1.03	.21	.54	4.14	1.00	2.54	.60	.41	.31	1.06	.04	1.36	13.04
68	.37	.27	1.29	4.09	2.08	3.94	1.49	1.61	2.23	1.75	.37	1.11	23.60
69	1.27	.46	.54	1.55	2.36	2.03	5.92	.38	1.55	1.51	.14	.81	18.52
70	.10	.20	1.52	2.31	2.83	2.63	.43	1.24	3.61	1.61	.96	.47	17.90
71	.81	.34	.56	1.10	2.68	3.51	2.80	.92	4.30	4.42	.63	.59	22.86
72	.94	.61	.74	.96	3.52	.58	2.78	3.45	1.22	1.25	.22	1.51	17.78
73	.12	.13	1.25	.70	1.65	1.78	3.60	3.85	4.98	1.54	.90	1.02	21.52
74	.35	.36	.71	3.40	4.03	.90	4.75	6.46	.13	3.10	.48	.32	24.59
75	1.32	.27	1.48	3.24	1.45	9.40	2.42	2.90	1.24	1.76	.64	.18	26.30
76	1.25	.35	1.00	1.14	.46	2.34	.63	.41	.55	.16	.26	.24	8.84
77	.65	1.24	1.72	.84	7.30	1.64	5.36	2.53	3.21	2.46	4.58	.75	32.28

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 72753 STATION NAME: PECTOR FLU FANGO ND

PERIOD OF RECORD: 45-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	.16	.18	.43	1.15	1.78	4.40	2.92	3.79	.92	.13	1.11	.47	17.44
79	.44	1.74	2.00	3.04	2.02	2.92	3.38	.90	.31	2.60	.48	.14	19.57
80	1.23	.57	.02	.02	.64	2.68	.76	4.24	2.52	1.06	.47	.30	15.11
81	.11	.49	.67	.61	3.46	2.56	3.21	1.76	1.11	2.36	.40	.05	17.59
82	1.32	.54	1.25	.45	1.82	1.61	2.64	1.12	1.12	7.03	1.13	.17	20.20
83	.46	.21	2.27	.42	2.00	2.34	4.16	2.56	1.63	1.62	1.04	.96	19.67
84	.79	.90	1.12	1.68	.61	5.38	.64	.18	1.23	6.76	.18	.90	20.37
85	.20	.15	1.35	.60	5.03	1.44	3.91	2.30	1.39	1.12	1.06	.55	19.17
86	.85	.27	.19	5.28	1.00	3.98	4.78	1.72	3.67	.05	1.43	.29	23.51
87	.27	.96	.49	.12	3.46								
PLAN	.594	.454	.891	1.761	2.351	3.040	3.307	2.368	1.791	1.588	.798	.641	19.611
S.D.	.432	.396	.591	1.326	1.530	1.669	1.970	1.506	1.472	1.561	.772	.449	4.184
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14356

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727550 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 48-67

MONTH	AMOUNTS IN INCHES													% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	0.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4			MEAN	GREATEST	LEAST
JAN	31.7	39.0	14.9	8.8	2.7	1.4	.5	.4	.2	.1	.1			29.0	1240	6.3	30.0	1.2
FEB	40.7	35.0	14.3	5.9	2.0	1.0	.4	.6		.1				24.3	1130	5.8	19.5	.3
MAR	51.9	27.1	10.6	5.9	1.9	1.4	.8	.5						21.0	1240	6.6	18.7	TRACE
APR	76.8	12.9	3.4	2.4	1.3	.5	.2	.2	.1					8.2	1200	3.0	12.6	TRACE
MAY	97.0	2.4	.3	.2										.6	1240	.1	1.0	.0
JUN	100.0														1170	.0	.0	.0
JUL	100.0														1209	.0	.0	.0
AUG	100.0														1209	.0	.0	.0
SEP	99.1	.9													1170	TRACE	TRACE	.0
OCT	89.6	8.2	.8	.9	.3	.1			.1					2.2	1209	.7	8.1	.0
NOV	58.5	26.9	7.3	3.9	1.5	.9	.3	.4	.1	.2				14.5	1170	4.9	24.3	.4
DEC	37.6	36.4	12.9	8.3	2.6	1.2	.6	.3	.1					26.0	1209	7.0	20.3	.3
ANN	73.8	15.7	5.4	3.0	1.0	.5	.2	.2	.0	.0	.0			10.5	14396	36.4		

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 707530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 48-87

24 HOUR AMOUNTS IN INCHES													
YEAR	-M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
48	3.4	5.7	2.8	.7	.0	.0	.0	.0	.0	TRACE	5.0	1.1	5.7
49	6.8	1.0	1.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.0	1.7	6.8
50	3.4	1.0	2.4	2.6	1.0	.0	.0	.0	.0	1.0	2.5	2.2	3.4
51	1.7	10.8	3.4	1.3	.0	.0	.0	.0	.0	7.0	2.4	1.2	10.8
52	6.1	1.0	3.7	1.8	.0	.0	.0	.0	.0	TRACE	.5	1.5	6.1
53	.7	3.1	1.9	.7	TRACE	.0	.0	.0	.0	TRACE	4.5	3.0	4.5
54	1.9	.1	2.0	.4	.9	.0	.0	.0	.0	TRACE	.4	1.6	2.0
55	.5	4.0	1.7	.3	.0	.0	.0	.0	.0	TRACE	2.3	2.5	4.2
56	1.7	1.3	6.0	3.4	.0	.0	.0	.0	TRACE	.0	.3	1.0	6.0
57	1.0	2.7	.4	1.2	.0	.0	.0	.0	TRACE	TRACE	1.0	.6	2.7
58	.7	1.4	.7	TRACE	.0	.0	.0	.0	.0	TRACE	3.0	.5	3.0
59	1.7	1.1	.1	1.0	TRACE	.0	.0	.0	.0	.5	2.1	.8	2.1
60	0.4	.5	.6	5.0	.2	.0	.0	.0	.0	TRACE	10.9	1.6	10.9
61	.6	1.0	TRACE	1.0	TRACE	.0	.0	.0	.0	TRACE	.2	1.9	1.9
62	3.0	3.1	3.4	1.3	.0	.0	.0	.0	.0	.2	2.8	.9	3.4
63	.6	1.0	1.4	6.0	.1	.0	.0	.0	.0	.0	.4	1.8	6.0
64	4.6	3.6	3.7	3.5	.0	.0	.0	.0	.0	TRACE	2.0	3.7	4.6
65	.7	1.0	4.8	2.5	TRACE	.0	.0	.0	TRACE	.0	3.1	2.7	4.8
66	4.0	.7	6.4	2.3	.0	.0	.0	.0	.0	1.0	.8	1.4	6.4
67	4.1	.5	2.9	2.7	TRACE	.0	.0	.0	.0	.7	.5	1.4	5.4
68	1.0	1.2	1.4	5.4	.4	.0	.0	.0	.0	.8	2.4	2.6	5.4
69	0.8	4.5	1.5	TRACE	TRACE	.0	.0	.0	.0	1.5	1.5	2.5	4.5
70	.6	.9	2.6	8.6	TRACE	.0	.0	.0	.0	.9	4.1	3.0	8.6
71	4.7	3.2	.5	.5	TRACE	.0	.0	.0	.0	2.0	.6	1.9	4.7
72	7.0	2.0	3.4	1.1	.0	.0	.0	.0	TRACE	2.7	.9	7.2	7.2
73	.6	.6	1.0	2.4	.0	.0	.0	.0	.0	TRACE	1.3	4.4	4.4
74	1.5	2.1	2.0	2.3	.0	.0	.0	.0	.0	.4	.5	1.1	2.6
75	1.7	2.0	6.4	2.2	TRACE	.0	.0	.0	.0	.4	3.1	.8	6.4
76	4.1	5.0	4.0	TRACE	.1	.0	.0	.0	.0	.1	1.7	2.0	5.0
77	0.6	4.9	2.6	1.1	.0	.0	.0	.0	.0	TRACE	12.0	2.0	12.0

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 44-87

24 HOUR AMOUNTS IN INCHES													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
78	1.0	1.7	4.0	2.2	.0	.0	.0	.0	.0	TRACE	3.7	1.3	5.3
79	7.3	6.4	1.2	1.4	.6	.0	.0	.0	.0	1.4	2.5	1.0	6.4
80	10.5	2.2	3.1	TRACE	.0	.0	.0	.0	.0	.5	.5	1.0	10.5
81	.6	2.3	.3	TRACE	.0	.0	.0	.0	TRACE	1.7	1.0	4.0	4.0
82	16.3	5.1	4.0	.2	.0	.0	.0	.0	.0	.0	3.4	.2	16.3
83	1.6	1.5	4.0	2.3	TRACE	.0	.0	.0	TRACE	TRACE	2.1	3.8	4.0
84	3.1	1.2	3.1	.4	.0	.0	.0	.0	TRACE	TRACE	.9	2.4	3.1
85	1.2	2.4	4.6	TRACE	.0	.0	.0	.0	.0	TRACE	7.2	1.9	7.2
86	4.9	3.7	.4	3.7	TRACE	.0	.0	.0	.0	TRACE	4.0	1.9	4.9
87	3.0	4.6	.5	TRACE	.0								
MEAN	3.04	2.58	2.53	1.79	.39	.00	.00	.00	TRACE	.58	2.57	2.47	5.72
S.D.	3.751	2.096	1.742	1.914	.246	.000	.000	.000	.000	1.245	2.596	1.634	3.015
TOTAL OBS	1240	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14356

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 727533 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 48-87

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
48	7.3	15.6	7.2	1.2	.0	.0	.0	.0	.0	TRACE	9.8	3.8	45.1
49	12.3	5.0	2.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	5.3	10.6	36.3
50	14.9	2.5	10.2	12.4	1.0	.0	.0	.0	.0	1.0	4.9	7.2	54.1
51	5.7	12.1	11.5	2.0	.0	.0	.0	.0	.0	8.1	7.9	20.3	67.6
52	11.2	3.2	9.9	1.6	.0	.0	.0	.0	.0	TRACE	.6	0.3	33.2
53	7.3	6.4	4.6	.9	TRACE	.0	.0	.0	.0	TRACE	6.5	6.6	30.3
54	7.0	.3	4.9	.5	.9	.0	.0	.0	.0	TRACE	1.1	3.3	16.0
55	2.8	12.0	7.4	.3	.0	.0	.0	.0	.0	TRACE	6.0	4.9	33.4
56	7.9	1.6	9.2	4.7	.0	.0	.0	.0	TRACE	.0	.5	3.2	27.3
57	4.3	4.4	.7	2.8	.0	.0	.0	.0	TRACE	TRACE	1.6	1.2	14.0
58	2.8	1.9	1.8	TRACE	.0	.0	.0	.0	.0	TRACE	6.5	.9	13.9
59	0.0	3.0	.2	1.1	TRACE	.0	.0	.0	.0	.7	3.6	1.5	12.0
60	6.2	1.2	2.4	7.9	.2	.0	.0	.0	.0	TRACE	11.0	2.6	32.5
61	1.6	2.3	TRACE	2.6	TRACE	.0	.0	.0	.0	TRACE	.5	0.5	13.7
62	10.9	10.1	10.7	2.0	.0	.0	.0	.0	.0	.2	3.1	2.5	39.5
63	1.3	3.9	5.3	6.7	.1	.0	.0	.0	.0	.0	.4	4.3	21.3
64	2.4	6.2	8.4	9.2	.0	.0	.0	.0	.0	TRACE	2.7	11.9	46.8
65	1.2	1.7	13.1	2.5	TRACE	.0	.0	.0	TRACE	.0	6.1	0.1	30.7
66	5.0	1.1	15.4	5.0	.0	.0	.0	.0	.0	1.2	1.3	3.4	32.4
67	10.1	2.0	4.9	5.0	TRACE	.0	.0	.0	.0	.7	.7	10.3	39.3
68	4.0	2.4	2.0	11.6	.4	.0	.0	.0	.0	.8	3.9	11.4	36.5
69	14.5	7.0	3.0	TRACE	TRACE	.0	.0	.0	.0	2.0	1.9	9.5	36.7
70	2.3	3.0	9.1	12.6	TRACE	.0	.0	.0	.0	.9	6.4	8.3	43.4
71	15.1	4.0	1.8	1.0	TRACE	.0	.0	.0	.0	3.6	2.3	10.0	36.6
72	16.5	10.9	7.1	3.1	.0	.0	.0	.0	TRACE	3.8	1.7	10.5	61.0
73	1.7	1.4	1.4	2.4	.0	.0	.0	.0	.0	TRACE	3.9	12.3	23.1
74	6.1	7.1	10.5	2.7	.0	.0	.0	.0	.0	.4	1.0	5.1	32.9
75	18.3	5.9	18.7	3.7	TRACE	.0	.0	.0	.0	.4	3.6	1.9	52.7
76	14.7	6.2	14.0	TRACE	.1	.0	.0	.0	.0	.1	2.7	5.5	42.6
77	12.6	10.7	4.6	2.1	.0	.0	.0	.0	.0	TRACE	24.2	7.2	61.4

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: FECTON FLD FARGO ND

PERIOD OF RECORD: 44-87

YEAR	TOTAL MONTHLY SNOWFALL IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
78	4.6	3.5	7.1	2.4	.0	.0	.0	.0	.0	TRACE	9.5	11.7	38.6
79	7.8	19.5	4.3	2.7	.8	.7	.1	.0	.0	1.4	6.0	1.5	44.0
80	12.3	7.2	6.5	TRACE	.0	.0	.0	.0	.0	.5	1.1	4.6	37.2
81	2.1	4.5	.3	TRACE	.0	.0	.0	.0	TRACE	.3	2.2	5.9	21.3
82	30.0	10.9	14.0	.0	.0	.0	.0	.0	.0	.0	6.6	.3	62.2
83	3.8	2.0	7.4	2.9	TRACE	.0	.7	.0	TRACE	TRACE	5.3	11.8	33.2
84	11.5	3.1	7.7	.4	.0	.0	.7	.0	TRACE	TRACE	1.4	7.4	31.6
85	3.7	3.1	12.0	TRACE	.0	.0	.0	.0	.0	TRACE	24.3	16.4	54.1
86	11.2	6.7	.7	3.7	TRACE	.0	.0	.0	.0	TRACE	5.3	3.8	31.4
87	0.8	10.4	1.2	TRACE	.0								
MEAN	8.25	5.77	6.00	3.01	.09	.00	.00	.00	TRACE	.73	4.45	6.97	36.60
S.D.	6.265	4.339	4.759	3.441	.246	.000	.000	.000	.000	1.545	5.311	4.120	14.078
TOTAL OBS	1247	1130	1240	1200	1240	1170	1209	1209	1170	1209	1170	1209	14356

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727530 STATION NAME: FECTON FLO FANGO ND

PERIOD OF RECORD: 48-67

MONTH	AMOUNTS IN INCHES														% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	1	2	3	4	7	13	25	37	49	61	OVER	MEAN			GREATEST	LEAST	
						TO 6	TO 12	TO 24	TO 36	TO 48	TO 60	TO 120	120						
JAN	1.0	0.3	8.5	10.6	7.5	26.0	32.0	5.7	.2						90.6	1240			
FEB	2.7	7.7	9.1	10.3	11.9	24.5	26.2	8.1							90.2	1130			
MAR	21.9	18.9	9.8	7.0	8.2	23.0	15.0	5.9	.3						59.2	1240			
APR	78.3	12.4	3.5	2.2	1.3	1.9	.3								9.2	1200			
MAY	98.6	1.2	.2												.2	1240			
JUN	100.0															1170			
JUL	100.0															1208			
AUG	100.0															1209			
SEP	100.0															1170			
OCT	96.6	2.7	.5	.4		.2									1.1	1279			
NOV	53.2	23.1	6.9	5.5	4.3	5.0	1.0	1.3							23.9	1170			
DEC	70.5	18.5	13.6	10.8	13.2	21.3	10.8	1.6							71.0	1209			
ANN	63.6	7.6	4.3	3.9	3.9	7.6	7.1	1.9	.0						28.3	14395			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 46-P7

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
48	18	23	25	1	0	0	0	0	0	0	7	4	25
49	11	13	9	TRACE	0	0	0	0	0	TRACE	4	6	13
50	18	16	13	4	TRACE	0	0	0	0	0	2	7	18
51	9	9	14	1	0	0	0	0	0	0	5	7	15
52	17	12	12	2	0	0	0	0	0	0	TRACE	15	17
53	4	4	2	TRACE	0	0	0	0	0	0	6	7	7
54	12	10	2	1	1	0	0	0	0	0	1	3	12
55	3	6	7	TRACE	0	0	0	0	0	0	3	5	8
56	7	7	8	5	0	0	0	0	0	0	TRACE	1	8
57	2	3	TRACE	2	0	0	0	0	0	0	1	1	3
58	2	4	1	0	0	0	0	0	0	0	5	4	5
59	3	4	TRACE	0	0	0	0	0	0	TRACE	1	1	4
60	6	4	3	6	0	0	0	0	0	0	11	10	11
61	6	3	TRACE	1	0	0	0	0	0	0	TRACE	5	5
62	8	10	14	3	0	0	0	0	0	TRACE	3	1	14
63	1	2	2	0	0	0	0	0	0	0	TRACE	4	6
64	6	3	6	3	0	0	0	0	0	0	0	11	11
65	9	5	5	2	0	0	0	0	0	0	6	5	9
66	7	4	15	2	0	0	0	0	0	TRACE	1	3	15
67	11	6	3	2	TRACE	0	0	0	0	1	1	4	11
68	9	3	2	4	TRACE	0	0	0	0	TRACE	1	7	9
69	17	16	16	7	0	0	0	0	0	2	2	7	17
70	7	6	7	5	TRACE	0	0	0	0	1	4	3	7
71	10	14	3	1	0	0	0	0	0	1	1	5	14
72	10	9	9	1	0	0	0	0	0	2	1	13	13
73	13	2	1	TRACE	0	0	0	0	0	0	2	6	13
74	6	9	4	4	0	0	0	0	0	0	1	3	9
75	8	7	10	8	0	0	0	0	0	TRACE	3	2	10
76	9	8	10	TRACE	TRACE	0	0	0	0	TRACE	1	2	10
77	8	9	4	1	0	0	0	0	0	0	17	15	17

NOTE * (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH
USAFITAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 48-P7

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
78	10	11	14	1	0	0	0	0	0	0	4	12	14
79	12	24	19	4	1	0	0	0	0	0	3	1	24
80	11	6	5	TRACE	0	0	0	0	0	TRACE	TRACE	1	11
81	2	2	1	TRACE	0	0	0	0	0	2	1	7	7
82	29	11	5	TRACE	0	0	0	0	0	0	3	TRACE	29
83	2	TRACE	8	2	0	0	0	0	0	TRACE	2	13	13
84	12	13	8	TRACE	0	0	0	0	0	TRACE	TRACE	4	13
85	6	0	9	TRACE	0	0	0	0	0	0	17	19	19
86	11	14	11	0	0	0	0	0	0	TRACE	4	2	14
87	2	3	4	TRACE	0								
MEAN	8.8	8.2	7.4	2.1	.1	.0	.0	.0	.0	.4	3.3	5.8	12.0
S.D.	5.617	5.574	5.825	2.195	.221	.000	.000	.000	.000	.559	4.009	4.624	5.345
TOTAL OBS	1040	1130	1240	1200	1240	1170	1200	1209	1170	1209	1170	1205	14355

NOTE * (BASED ON LESS THAN FULL MONTHS)

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	CCCCC
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPP	AA AA	RRRRRRR	TT	CC
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968.
COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPLETE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIES EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/HAL

EXTREME VALUES OF SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 70753 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 70-87

DAILY PEAK GUSTS IN KNOTS														
M-O-A-M-J-J-A-S-O-N-D-E														
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	ALL MONTHS	
70	NW 38	NW 50	NW 35	NW 55	NW 44	NW 38	NW 37	NW 44	NW 40	NW 38	S 42	NW 39	NW 55	
71	NW 34	NW 42	NW 34	SE 37	N 33	S 42	NW 43	NW 49	NW 35	SE 45	NW 39	SE 33	NW 49	
72	NW 42	NW 49	NW 43	NW 31	NE 35	NW 38	NW 42	NW 37	NW 41	NW 37	NW 31	NE 38	NW 49	
73	N 40	N 36	SE 36	SE 47	NW 39	N 40	N 36	NW 57	SE 42	S 49	NW 50	NW 47	NW 57	
74	SE 36	NW 36	NW 42	SE 41	SE 52	NW 46	NW 57	NW 47	NW 41	N 36	SE 39	N 32	NW 57	
75	NW 52	NW 42	N 35	SE 37	NW 43	N 51	SW 46	SE 43	NW 36	SE 43	N 36	NW 36	NW 53	
76	N 40	S 40	NW 45	S 46	N 40	NW 70	SE 35	N 50	N 41	NW 50	NW 51	N 38	NW 70	
77	N 45	NW 40	NE 36	N 40	SW 45	NW 44	SE 44	SE 50	NW 44	SE 44	NW 53	N 39	NW 53	
78	N 44	NW 35	NW 38	NW 47	S 33	SW 43	NW 62	N 35	S 39	N 39	NW 38	N 40	NW 62	
79	SE 33	NW 35	NW 45	NW 45	S 42	SE 52	SW 51	N 33	S 38	N 47	N 39	NW 44	SE 52	
80	N 50	SE 36	NW 44	N 42	S 43	N 40	SW 32	SE 39	NW 38	SE 45	NW 33	NW 45	N 50	
81	N 36	N 39	SE 33	S 41	S 39	N 37	E 40	SW 33	NW 43	S 43	N 40	SE 34	NW 43	
82	N 44	N 40	N 50	NW 51	N 43	SE 39	N 60	N 36	SE 34	SE 35	NW 46	S 38	NW 60	
83	NW 45	SE 35	S 35	NW 41	SE 50	N 44	N 42	NW 41	NW 42	SE 36	SE 33	NW 38	SE 50	
84	NW 34	N 51	N 43	S 38	NW 45	SE 45	SW 35	NW 31	SE 39	SE 39	SE 40	NW 41	N 51	
85	NW 51	NW 34	SE 46	NW 35	NW 50	NW 35	NW 46	NW 40	S 31	S 43	SE 42	N 48	NW 51	
86	NW 40	SE 34	SE 35	N 36	SW 40	S 34	NW 36	NW 31	SE 32	SE 38	SE 38	S 30	NW 40	
87	S 32	N 42	N 37	S 38	S 37									
.....														
MEAN	40.9	40.4	39.4	41.4	41.8	43.5	43.4	47.9	38.6	41.6	39.5	38.8	52.8	
STDEV	6.220	5.245	5.159	5.992	5.511	8.610	9.103	7.669	3.825	4.461	6.125	5.640	7.148	
TOTAL GBS	554	505	539	540	558	568	527	526	510	527	510	527	635	

NOTES * (BASED ON LESS THAN FULL MONTHS)
% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FORTIOR FLD FARGO ND

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(UT): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.4	2.0	2.4	5.3	1.7	.5	.4		12.4	12.5
NNE	.1	1.2	.6	.3					2.3	7.2
NL	.2	.5	.6	.1					1.5	6.6
NNE	.5	.8	.2						1.4	4.5
E	.2	.9	.4	.3					2.3	7.2
ESE	.1	.9	.2	.4					1.6	7.3
SE	.1	.5	.8	1.8	.9	.1			4.2	12.4
SSE		.6	3.1	3.9	2.0	.5			10.3	12.8
S	.6	3.3	5.8	3.2	.1				13.1	8.6
SSW	.2	1.7	3.0	.6					5.6	7.8
SW	.4	1.4	1.1	.4					3.3	6.7
WSW	.3	1.2	1.2	.8	.1				3.5	8.4
W	.1	1.7	1.5	1.3					5.6	7.5
WNW	.2	1.8	1.5	1.2	.1	.2	.1		5.2	9.2
W	.5	1.1	1.8	3.7	.9	.4	.5		8.9	12.8
WNW	.2	1.6	2.6	3.2	1.5	2.0	.3		11.7	13.8
VARIABLE										
CALM	////////////////////								7.1	////
TOTALS	4.4	22.3	27.5	26.6	6.9	3.9	1.4		100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.9	4.0	4.2	1.9	.6	.4				13.5	12.1
NNE	.2	.8	.5								1.5	6.1
NE	.2	1.2	.4	.1							1.9	5.7
ENE	.4	.6	.8								1.8	6.1
E	.2	.6	.5	.2							1.6	6.6
ESE	.2	1.0	.1	.2							1.5	6.0
SE		.8	.5	2.3	.3	.1					4.0	11.6
SSE	.1	1.6	3.0	4.8	1.8	.2					11.6	11.8
S	.5	3.2	5.4	3.2	.2						12.6	8.6
SSW		1.8	1.6	.6							4.1	7.2
SW	.3	.9	1.6	.5							3.3	7.2
WSW	.2	.5	1.6	.1							2.5	7.5
W	.2	2.0	1.6	1.4	.1						5.4	8.4
WNW	.2	2.3	1.3	1.5	.1	.3	.1				5.8	9.5
NW		1.3	2.9	2.5	.4	1.1	.2				8.4	12.7
NNW	.1	1.2	3.7	2.9	1.9	1.7	.4	.2			11.7	14.1
VARIABLE												
CALM	////////////////////										9.7	////
TOTALS	3.4	21.7	29.6	24.6	6.9	3.7	1.2	.2			100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: WECTOR FLD FARGO ND

PERIOD OF RECORD: 79-87
MONTH: JAN HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.7	4.8	3.3	1.8	1.4	.2					13.8	12.3
NNE	.3	.6	1.1									2.0	6.2
NE	.2	1.1	.6	.1								2.0	6.1
ENE	.1	.8	.5	.2								1.6	6.8
E	.1	.2	.4	.1								.9	7.6
ESE	.2	.6	.4									1.4	5.9
SE		1.0	2.0	2.2	.4	.3						5.9	11.1
SSE	.1	1.5	3.1	4.4	1.5	.1						10.8	11.5
S	.3	3.1	6.7	3.2								13.3	8.7
SSW	.4	1.6	1.9	.1								4.1	6.5
SW	.4	1.2	2.0	.5								4.2	7.2
WSW	.2	2.6	.6	.3			.1					3.9	6.7
W	.5	1.4	1.9	1.4	.4	.1						5.8	9.2
WNW	.3	1.3	2.5	1.2	.8		.2					6.2	10.6
NW	.5	1.6	2.3	2.3	.5	.2						7.4	9.9
NNW	.2	1.5	4.0	2.3	1.2	1.2	.4	.2				11.0	13.1
VARIABLE													
CALM	////////////////////											5.7	////
TOTALS	4.5	21.9	35.1	21.6	6.7	3.3	1.0	.2				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	1.3	3.1	4.8	1.9	1.4	.1					13.1	13.3
NNE	.4	.2	.9	.8	.1							2.4	4.9
NE		.6	.4	.2								1.3	7.4
ENE	.2	.9	.4	.3								1.6	6.5
E	.3	.3	.4	.1								1.2	6.5
ESE		.6	1.2	.2								1.9	7.3
SE	.2	.8	1.1	1.6	.9	.1						4.6	11.6
SSE	.2	1.2	3.3	4.2	1.3	.5						12.8	12.0
S	.4	1.8	4.9	4.9	.9							13.0	10.3
SSW	.2	1.2	1.4	.6								3.5	7.5
SW	.2	.9	1.4	1.0								3.4	8.4
WSW	.6	1.7	2.6	.4								5.4	6.9
W	.3	1.3	2.6	2.4	1.1							7.6	12.6
WNW		1.0	1.6	1.9	.9		.2	.1				5.7	12.5
NW	.1	1.0	2.3	2.7	.5							6.6	10.8
NNW	.3	1.2	2.9	4.4	1.4	1.1	.4	.1				11.8	12.7
VARIABLE													
CALM	////////////////////////////////////											5.8	////
TOTALS	4.1	15.9	30.5	30.6	8.9	3.1	.2	.2				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTCR FLD FARGO ND

PERIOD OF RECORD: 7P-87
MONTH: JAN HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	1.5	2.4	3.3	3.5	1.9	.3					13.4	14.5
NNE		.6	.5	.4	.4							2.9	10.6
NL		.3	.4	.2								1.0	8.3
ENE	.1	.5	.2	.1								1.0	6.2
E	.1	.9	.5									1.5	6.4
ESE	.1	1.7	1.2	.2								2.5	7.0
SE	.1	.3	1.5	1.3	1.2	.2						4.6	12.9
SSE		.8	2.0	2.8	1.9	1.1	.1					8.7	14.7
S	.1	1.4	3.4	5.8	1.2							11.9	11.2
SSW	.2	.3	1.1	1.4	.2							3.2	10.5
SW	.3	.8	1.2	.6								2.9	7.7
WSW		.4	1.8	1.2	.1	.1						3.7	10.0
W	.6	1.5	2.8	3.4	.8	.1						9.2	10.1
WNW	.3	.3	2.2	4.1	1.7		.1	.3				9.5	13.2
NW	.2	1.4	2.0	1.3	1.4	.7						6.8	11.4
NNW	.3	1.7	2.4	5.5	3.2	1.5	.4	.1				14.7	14.7
VARIABLE													
CALM	////////////////////////////////////										3.3	////	
TOTALS	3.0	13.9	25.7	31.7	15.7	5.3	1.0	.4				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.7	2.9	5.7	3.4	1.3	.4				15.9	13.8
NNE	.1	.9	1.2	.9	.1						3.1	8.9
NE		.4	.2								.6	6.3
NENE	.3	1.1	.5								1.9	5.7
E		1.7	.5								1.8	6.5
ESE	.3	1.0	.9	.2							2.4	6.4
SE		.5	1.5	1.7	.8	.2					4.7	12.2
SSE	.3	.5	2.3	4.4	1.7	1.4	.2				10.9	14.2
S		1.8	2.4	4.5	.6						9.4	10.8
SSW	.3	.8	1.4	.9							3.3	7.9
SW	.1	1.0	1.5	.6							3.2	7.8
WSW		1.2	2.4	1.2	.2						4.9	9.1
W	.4	1.6	1.2	2.4	.1	.1					5.8	9.4
WNW		1.3	2.7	1.9	1.0	.1	.2				7.2	11.4
NW	.1	.6	2.2	2.5	1.2	1.3		.1			8.0	14.1
NNW		1.1	3.8	4.6	2.9	.5	.3	.3			13.4	14.0
VARIABLE												
CALM	////////////////////										3.3	////
TOTALS	2.5	16.8	27.4	31.5	11.9	4.9	1.2	.4			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.7	4.6	5.3	2.7	.5	.3				16.6	12.1
NNE	.3	.6	1.0	.3	.1						2.4	8.0
NE	.3	1.1	.2	.1							1.7	5.1
ENE	.2	.4	.8								1.4	6.2
E	.3	.6	1.3								2.3	6.4
ESE	.2	1.3	.9	.2							2.6	6.5
SE	.1	.6	1.9	1.0	.8	.4	.1				4.9	12.4
SSE	.1	1.7	1.9	5.2	2.0	.5	.2				11.7	13.1
S	.3	1.6	5.6	2.9	.5	.1					11.1	9.7
SSW	.1	1.0	1.7	.3	.1						3.2	7.9
SW	.2	.9	1.4	.4	.1						3.0	7.8
WSW	.3	1.2	2.2	.4	.1						4.2	8.0
W	.2	1.6	2.5	1.0							5.3	7.8
WNW	.5	1.6	1.4	1.1	.6	.2	.3				6.0	10.4
WW	.8	1.1	2.4	2.4	.9	.1					7.7	10.7
NNW	.3	1.2	2.3	3.9	1.4	.0	.4	.4			10.6	14.0
VARIABLE												
CALM	////////////////////										5.3	////
TOTALS	4.8	19.5	31.9	24.4	9.4	2.7	1.4	.4			100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
MONTH: JAN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.7	3.5	4.3	3.8	.6	.4					14.7	13.3
NNE	.3	.6	1.4	.6	.1							3.1	6.4
NE	.1	1.2	.3									1.6	5.5
ENE	.1	1.3	.2									1.6	4.9
E	.1	1.1	.5	.1								1.8	6.3
ESE	.1	1.7	.5	.2								1.8	6.9
SE	.2	.6	1.4	1.2	.4	.2						4.2	11.1
SSE		1.0	2.5	5.9	1.1	1.2	.1					11.7	13.4
S	.2	2.0	5.4	3.7	.3							11.6	9.4
SSW	.1	.8	2.3	1.0	.1							4.2	8.9
SW	.1	1.6	1.7	.8								4.2	7.6
WSW	.1	1.2	1.4	.9								3.5	8.2
W	.5	2.0	2.3	1.1								5.9	7.3
WNW	.3	1.5	1.9	1.1	.4		.2					5.5	9.6
NW	.2	1.2	1.3	1.7	1.2	.1	.4					6.1	13.1
NNW		1.5	3.0	3.7	1.8	.5		.4				11.7	13.2
VARIABLE													
CALM	////////////////////											7.3	////
TOTALS	2.9	20.3	29.7	26.1	9.2	2.9	1.2	.4				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN FOUR (1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.8	3.5	4.5	2.6	1.7	.3				14.2	13.0
NNE	.2	.7	.9	.4	.1						2.4	4.2
NE	.1	.8	.4	.1							1.5	6.2
NNE	.7	.8	.5	.1							1.6	5.9
E	.2	.7	.6	.1							1.7	6.6
ESE	.2	.9	.7	.2							2.0	6.7
SE	.1	.6	1.3	1.6	.7	.7	.0				4.7	11.9
ESE	.1	1.1	2.7	4.4	1.7	.7	.1				12.8	12.8
S	.3	2.3	4.9	3.9	.5	.7					12.0	9.6
SSW	.2	1.2	1.6	.7	.1						3.9	8.0
SW	.3	1.1	1.5	.6	.0						2.5	7.5
WSW	.2	1.2	1.7	.7	.1	.7	.0				4.0	8.1
W	.4	1.8	2.0	1.8	.3	.7					6.3	9.0
WNW	.2	1.5	1.9	1.7	.7	.1	.2	.1			6.4	11.0
NW	.3	1.2	2.1	2.4	.9	.5	.1	.0			7.5	12.0
NNW	.2	1.3	3.1	3.6	1.9	1.1	.3	.2			12.0	13.9
VARIABLE												
CALM	////////////////////										5.9	////
TOTALS	3.7	19.0	29.7	27.2	9.4	3.7	1.1	.3			100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.4	4.1	4.3	1.7	1.4	.2				13.8	12.7
NNE	.4	.9	1.4	.9							3.7	8.0
NE	.2	.4	1.1	.8							3.0	8.0
NNE	.5	.7		.2							1.5	5.2
E	.4	1.7	.1		.1						2.2	5.2
ENE	.5	1.7	.4								2.5	4.6
E	.2	2.4	1.5	.8	.5						5.4	8.6
ESE	.2	1.8	4.3	4.5	2.7	1.1					14.5	12.3
S	.5	3.4	5.1	3.5	.1						13.0	9.7
SSW	.1	2.5	.8	.9							4.4	7.1
SW	.2	1.1	.7	.1							2.1	6.1
WSW	.6	1.2	.4	.4							2.5	6.0
W	.4	2.4	1.8	.6							5.1	6.9
WNW	.5	1.5	2.4	.8	.1						5.3	7.8
NW	.6	.9	2.2	1.1	.2	.1					5.2	8.8
NNW	.2	1.9	2.7	2.7	1.8	.5	.1				9.9	11.9
VARIABLE												
CALM	////////////////////										5.8	////
TOTALS	5.9	27.0	29.0	21.7	7.2	3.1	.4				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 0000-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.0	4.8	5.1	1.2	.8					14.4	11.3
NNE	.1	.8	1.7	1.1							3.7	8.6
NE	.2	.5	.9	.1							1.8	7.3
ENE	.1	1.2	.1								1.4	4.8
E	.1	1.3	.6								2.0	5.6
ESE	.6	.8	.1	.2							1.8	5.4
SE	.2	1.5	1.4	1.5	.1						4.8	9.0
SSE	.2	1.2	5.0	6.9	2.0	.5					15.7	12.0
S	.9	4.6	4.1	2.0	.6						12.3	7.9
SSW	.5	1.5	1.4	.2							3.7	6.8
SW	.2	1.4	1.3		.1						3.1	6.7
WSW	.2	1.4	1.2	.2							3.1	6.5
W	.7	1.3	1.8	.5							4.3	6.9
WNW	.4	1.1	2.1	1.1							4.6	8.1
NW	.4	1.4	2.0	1.1	.1	.5					5.4	9.2
NNW	.4	2.0	2.0	4.1	2.0	.4	.5				11.3	12.7
VARIABLE												
CALM	////////////////////										6.6	////
TOTALS	5.8	24.1	30.6	24.1	6.1	2.1	.5				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
MONTH: FEB HOURS (LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.7	2.8	5.4	1.2	.5	.2				13.5	11.1
NNE	.4	1.2	1.7	1.1							4.3	7.9
NE	.2	1.2	.5	.1							2.0	5.9
ENE	.1	1.5	1.1								2.7	6.2
E	.5	1.1	.5	.1							2.1	5.3
ESE	.1	1.2	.9	.2							2.5	6.6
SE	.2	1.3	1.4	2.1	.4						5.4	9.7
SSE	.1	1.5	4.0	4.6	2.5	.6					13.4	12.3
S	.6	3.3	6.0	2.8	.2						13.0	9.5
SSW	.4	1.8	1.2	.2	.2						3.8	7.2
SW	.1	1.3	.4	.2							2.0	6.5
WSW	.4	1.2	1.5	.1							3.2	6.5
W	.2	1.5	2.2	.8	.1						5.0	8.2
WNW	.8	1.5	1.2	.6	.1						4.3	7.0
NW	.2	1.3	1.7	1.7	.2	.1					5.2	10.0
NNW	.2	2.8	2.5	3.5	1.4	.7					11.2	11.3
VARIABLE												
CALM	////////////////////										6.5	////
TOTALS	5.2	26.5	29.6	23.8	6.4	1.0	.2				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.4	4.0	5.3	1.9	.5	.1				14.8	11.6
NNE	.4	.6	1.5	.9							3.4	8.2
NE	.2	.7	.7	.4							2.0	7.1
ENE		.5	1.3	.1							1.9	7.5
E	.1	1.1	.6	.5							2.2	7.2
ESE	.2	.7	.5	.4							1.8	6.9
SE	.1	.9	2.1	1.9	.9	.1					6.1	11.4
SSE	.4	.8	2.7	6.4	1.8	1.3					13.4	13.2
S	.4	2.6	5.0	3.3	.8	.1					12.2	9.7
SSW		1.0	1.9	.2							3.1	7.3
SW	.2	.9	.7	.2	.1						2.2	7.4
WSW	.4	.6	1.3	.7	.1						3.1	8.2
W	.6	.7	1.2	1.5	.2						4.3	9.4
WNW	.4	2.0	.9	.8	.7	.1					5.0	9.4
NW	.5	.6	2.2	2.2	.8	.2					6.6	11.2
NNW	.5	1.2	3.1	5.1	.9	.7	.4				11.8	12.5
VARIABLE												
CALM	////////////////////											5.9
TOTALS	4.7	17.5	29.8	30.0	8.4	3.2	.5				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.2	2.2	3.0	5.8	2.7	1.1	.2		15.2	12.8
NNE		.7	.9	.7					2.4	9.4
NE	.4	.4	.9	.1					1.9	6.6
ENE	.2	.6	.4	.4					1.5	7.1
E	.4	.6	.4	.4					1.7	6.9
ESE	.2	.4	1.2	.5					2.2	8.2
SE	.2	.5	1.3	1.5	.4	.1			4.0	11.0
SSE	.2	.6	3.4	4.8	3.2	1.2			13.7	13.6
S	.2	1.2	5.4	5.2	.6	.1			12.9	10.5
SSW	.2	.6	1.2	.9	.1				3.2	5.1
SW	.1	.5	1.5	.8					3.0	9.0
WSW	.2	.6	1.1	.4					2.2	7.6
W	.2	.9	1.2	1.3	.5				4.1	9.9
WNW	.5	.7	.8	.6	.8	.1			3.5	10.9
NW	.1	1.4	3.2	1.7	.7	.8	.4		8.3	12.1
NNW	.4	.2	4.6	1.2	2.1	1.2	.2		16.8	12.5
VARIABLE										
CALM	////////////////////////////////////								3.5	////
TOTALS	2.9	14.3	30.6	31.1	11.1	4.4	.8		100.0	11.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.2	3.3	6.4	3.2	.9	.1				15.4	17.6
NNE	.2	.8	1.9	1.1	.1						4.1	9.1
NE	.4	1.3	1.2								2.8	5.9
ENE		.7	.8	.2							1.8	7.2
E		.6	.5	.2							1.3	8.3
ESE	.1	.6	1.1	.2	.2						2.2	8.2
SE		.5	2.6	1.5	.5	.1					5.2	10.9
SSE	.1	.7	2.8	5.6	2.6	.9					12.6	13.8
S	.2	2.0	5.6	3.1	.9						11.9	9.9
SSW	.1	.5	1.4	1.4							3.4	6.9
SW	.2	1.7	.9	.7							3.5	7.2
WSW	.4	.6	.8	.2		.1					2.1	7.7
W	.5	.8	.6	.9	.4						3.2	9.0
WNW	.1	1.2	.9	.6	.5	.1					3.4	9.7
NW	.6	.7	2.5	3.1	1.4	.7	.1				9.1	12.4
NNW	.7	.8	4.4	6.1	1.7	1.8	.1	.1			15.7	13.2
VARIABLE												
CALM	////////////////////										2.1	////
TOTALS	3.9	14.7	31.3	31.4	11.5	4.5	.4	.1			100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.5	4.4	7.2	1.9	.7	.1	.4			16.4	12.8
NNE	.4	1.4	1.7	1.2		.1					4.7	8.5
NE	.6	2.0	1.1								3.7	5.5
ENE	.4	1.8	.4	.4							2.8	6.2
E	.6	.4	.7	.1							2.2	5.4
ESE	.1	.7	.8	.2	.1						2.0	8.2
SE	.1	.4	2.4	2.0	.2	.5					6.0	11.0
SSE	.1	.5	5.2	4.0	2.0	.5					12.3	12.4
S	.4	2.5	5.0	2.6	.4						10.8	8.9
SSW		.4	.7	1.2							2.8	9.4
SW	.2	.5	.8		.2						1.8	8.1
WSW	.5	.4	.5	.2							2.1	5.4
W	.4	1.2	1.1	.8							3.4	8.1
WNW	.5	1.5	.7	.6	.1						3.5	7.4
NW		1.8	1.9	1.3	.4						5.3	9.2
NNW	.1	1.8	3.8	3.8	1.4	1.7					12.5	12.7
VARIABLE												
CALM	////////////////////										7.4	////
TOTALS	4.6	20.7	31.0	25.7	6.7	3.4	.1	.4			100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	3.2	5.8	5.3	2.1	.9	.1	.1			18.1	11.6
NNE	.1	1.1	1.5	1.7	.1						4.5	9.6
NE	.2	1.5	1.1	.1							3.0	6.7
ENE	.1	1.3		.1	.1						1.7	5.8
E	.4	1.8	.2	.1							2.5	5.1
ESE	.5	.8	1.2	.1	.1						2.7	6.7
SE	.1	1.3	1.8	1.3	.4						4.8	9.7
SSE	.2	.9	2.8	6.1	1.7	1.1	.1				13.0	13.2
S	.1	4.3	4.5	3.1	.6	.1					12.6	9.0
SSW		1.4	.9	.6							3.0	7.8
SW	.1	1.2	.8	.2							2.4	6.9
WSW	.5	1.1	1.3	.5	.2						3.5	8.0
W	.2	1.5	1.1	.5	.2						3.5	8.1
WNW	.1	1.1	1.3	.4	.1		.1				3.1	8.7
NW	.1	1.3	2.5	1.2	.2						5.3	9.1
NNW	.2	1.5	2.0	2.7	1.3	.8		.2			8.9	12.7
VARIABLE												
CALM	////////////////////										7.4	////
TOTALS	3.5	25.3	28.8	24.0	7.2	3.0	.4	.4			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7P-87
MONTH: FEB HOURS(DST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	2.1	4.0	5.6	2.0	.9	.1	.1				15.2	12.2
NNE	.2	.9	1.5	1.1	.0	.0						3.6	8.6
NE	.3	1.0	.9	.2								2.4	6.6
ENE	.2	1.0	.5	.2	.0							1.9	6.1
E	.3	1.1	.4	.2	.0							2.0	6.0
ESE	.3	.9	.8	.2	.1							2.2	6.8
SE	.2	1.2	1.8	1.6	.4	.1						5.2	10.2
SSE	.2	1.0	3.8	5.4	2.3	.9	.0					17.6	12.8
S	.4	3.0	5.1	3.2	.5	.0						17.3	9.2
SSW	.2	1.3	1.2	.7	.0							3.4	6.0
SW	.2	1.1	.9	.3	.1							2.5	7.1
WSW	.4	.9	1.0	.3	.0	.0						2.7	7.1
W	.4	1.3	1.4	.9	.2							4.1	8.2
WSW	.4	1.7	1.3	.7	.3	.2	.0					4.1	8.6
NW	.3	1.2	2.3	1.7	.5	.2	.1					6.3	10.5
NNW	.3	1.8	3.1	4.3	1.6	1.0	.2	.0				12.3	12.5
VARIABLE													
CALM	////////////////////////////////////											5.7	////
TOTALS	4.7	21.2	30.1	26.5	8.1	3.2	.4	.1				100.2	5.7

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
MONTH: MAR HOURS(IST): 0000-0200

DIRECTION (DIRECTIONS)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	1.7	4.4	4.9	2.5	1.1						14.7	12.5
NNE	.8	1.6	2.5	1.0	.2							6.0	7.7
NE	.3	1.9	1.4	.2	.1							4.0	6.8
ENE	.3	1.2	.8	.8	.1							3.1	7.7
E	.6	1.4	1.1	.2								3.3	5.9
ESE		1.8	1.1	.1								3.0	6.6
SE	.3	1.1	2.4	1.5	1.3	.6						7.2	11.9
SSE	.1	1.4	2.6	3.5	1.6	1.1						10.3	13.2
S	.5	4.6	4.7	3.1	1.1	.1						14.2	8.9
SSW		1.0	.8									1.7	6.9
SW	.6	.6	.3	.2								1.8	5.5
WSW		.9	1.0	.6								2.5	6.3
W	.2	1.6	1.2	.2				.3				3.5	9.1
WNW		1.0	1.2	.2	.3	.1						3.8	10.2
NW		1.0	1.6	1.5	.5	.2						4.8	11.0
NNW	.1	1.4	3.2	2.2	1.2	.9	.1					9.9	12.0
VARIABLE													
CALM	////////////////////											7.0	////
TOTALS	4.1	24.2	30.1	21.3	8.9	4.2	.1	.3				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.6	4.3	3.7	2.3	1.2	.1				14.6	11.8
NNE	.3	1.2	1.8	1.1	.4						4.8	8.9
NE	.8	2.0	2.0	.4							5.3	6.9
ENE	.3	.6	1.3	.8							3.0	8.8
E	.3	1.6	1.0	.2							3.1	6.1
ESE	.1	2.0	1.3	.5							4.0	7.2
SE	.1	1.4	2.6	2.2	1.5	.2					8.7	11.5
SSE		1.4	1.4	3.5	2.0	.9	.3				9.6	13.9
S	.2	2.7	4.1	3.1	.5	.1					10.8	9.4
SSW	.2	1.9	1.1	.2							3.4	6.4
SW	.2	1.2	.2	.3							1.9	6.4
WSW		.6	.3	.4							1.4	5.3
W	.2	1.0	1.6	.3	.1	.1					3.3	8.1
WNW	.3	.8	1.0	1.1	.4	.2					3.8	10.8
NW	.1	1.7	1.4	1.6	.5						5.4	9.9
NNW	.1	1.2	2.8	3.4	1.4	.8	.1				9.8	12.5
VARIABLE												
CALM	////////////////////////////////////										7.8	////
TOTALS	3.9	24.0	28.2	22.9	9.2	3.4	.5				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	2.3	4.7	3.2	2.4	1.4	.2	.1				14.8	12.5
NNE	.2	2.4	1.6	1.5	.3	.1						6.1	8.8
NE	.1	2.4	.8	.8	.1							4.1	7.6
ENE	.2	1.9	1.2	.4	.3							4.1	7.6
E	.2	1.1	.9	.4								2.6	7.2
ESE	.6	2.5	1.5	.5								5.2	6.3
SE	.3	1.3	2.7	2.2	.8	.5						7.7	11.3
SSE	.3	1.3	1.5	4.0	1.8	1.2						10.1	13.5
S	.5	2.7	4.7	3.2	.3	.3						11.8	9.5
SSW		1.5	1.1	.2	.1							2.9	7.6
SW		.6	.3	.4								1.4	8.3
WSW	.1	.8	.8	.3								1.9	7.3
W		.6	1.3	.2	.1	.2	.1					2.6	10.6
WNW	.5	1.0	.9	1.5	.2							4.1	9.5
NW	.1	.6	1.9	.9	.1							3.7	9.0
NNW	.3	1.4	2.4	3.5	1.5	1.2	.2					10.8	12.8
VARIABLE													
CALP	////////////////////////////////////											6.1	////
TOTALS	4.2	24.5	26.2	23.3	8.1	4.9	.5	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: VECTER FLD FARGO ND

PERIOD OF RECORD: 7th-87
MONTH: MAR HOURS(LST): 0930-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.2	4.2	5.3	3.8	1.6					17.5	13.0
NNE	.3	1.5	1.5	1.6	.3	.2					5.5	9.9
NE		.6	1.3	.8	.2						2.9	9.9
ENE	.1	.8	1.9	.8	.3						3.9	9.1
E	.4	.6	1.2	.6							3.0	8.4
ESE	.3	1.1	1.7	.5	.1						3.8	7.7
SE	.2	1.1	2.3	2.4	1.7	.6	.1				9.4	13.0
SSE		.5	2.0	3.0	2.6	.9	.2				9.2	14.8
S	.2	1.9	4.4	3.4	1.3	.3	.1				11.7	11.1
SSW	.1	.6	1.4	.5							2.7	8.2
SW	.1	1.0	.4	.5							2.0	7.6
WSW	.2	.4	.8	.5							1.9	8.4
W	.1	1.1	1.3	1.6		.1					4.2	9.7
WNW		.1	.6	1.1	.8	.2					2.8	13.8
NW		1.0	1.4	2.2	.9	.3					5.7	12.2
NNW	.5	2.2	2.8	2.8	1.5	1.7	.3	.3			12.2	13.4
VARIABLE												
CALM	////////////////////										2.6	////
TOTALS	3.2	16.7	29.2	27.7	13.4	6.7	.8	.3			100.0	11.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47		
N	.3	2.3	3.4	5.1	4.5	1.7	.5			17.8	14.2
NNE		.4	2.2	2.0	.2	.2				5.1	11.2
NE	.1	.6	1.5	1.2	.1					3.5	9.2
ENE		.3	1.0	.1	.3	.1				1.8	11.1
E	.2	1.5	1.8	.6	.1					4.3	7.7
ESE	.4	.4	1.5	.8	.1					3.2	8.5
SE		.4	1.4	2.2	1.5	.1				5.6	13.2
SSE	.2	.6	1.8	2.7	2.7	2.7	.3			10.4	15.9
S	.2	.6	3.2	5.4	1.3	.2				11.0	12.3
SSW	.2	.6	.9	.6	.1					2.5	8.8
SW		.4	1.1	.6						2.2	9.0
WSW		.9	1.3	.5						2.7	8.2
W	.1	.9	1.5	1.3	.5	.1				4.4	10.5
WNW	.3	.3	.5	1.5	.6	.1				3.4	12.3
NW	.9	1.1	1.0	2.3	.9	.9				6.8	11.7
NNW	.1	1.1	3.7	4.0	3.0	1.5	.3	.1		13.8	14.3
VARIABLE											
CALM	////////////////////										1.5
TOTALS	3.1	12.6	27.7	30.9	16.0	6.9	1.2	.1		100.0	12.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.9	4.6	5.6	3.4	1.7	.3	.1			18.7	12.7
NNE	.2	.9	2.7	2.0	.6						6.5	10.4
NE	.1	.6	1.5	1.2							3.4	9.4
ENE	.1	.5	1.5	.6	.3	.1					3.2	10.2
E	.1	.5	.8	.5							1.9	8.6
ESE		1.1	1.6	.5	.1						3.3	8.4
SE	.1	.2	1.5	1.9	1.7	.2					5.7	13.6
SSE		.6	2.0	4.5	3.3	2.7	.1				12.7	15.4
S	.3	.8	3.8	3.2	.6	.2					8.9	10.9
SSW	.2		.4	.3							1.0	9.0
SW	.3	.3	1.0	.6	.1						2.4	9.1
WSW	.1	.2	.8	.4	.2						1.7	9.8
W	.1	1.6	1.5	1.6	.3						5.2	9.6
WNW	.2	.5	.8	.9	.5	.3					3.3	12.1
NW	.1	.8	2.0	2.5	1.4	.5					7.3	12.9
NNW	.1	2.0	1.8	5.8	3.0	1.0	.1				13.9	13.9
VARIABLE												
CALM	////////////////////										1.6	////
TOTALS	2.5	12.7	28.3	32.4	15.8	6.1	.5	.1			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOHAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(IST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.8	3.8	6.8	3.4	.9	.2				18.5	12.5
NNE	.1	1.5	2.8	1.7	.2	.1					6.5	9.5
NE	.4	1.3	1.7	.9	.1						4.4	8.0
ENE	.1	1.3	1.2		.1	.1					2.8	7.4
E	.3	1.5	.6	.3							2.3	6.1
ESE		1.2	2.6	.6	.1						4.5	8.2
SE	.1	.9	1.3	3.0	1.2	.4					6.9	12.7
SSE	.1	1.3	2.9	4.3	1.5	1.2					11.3	12.8
S	.4	2.9	2.8	3.1	.8	.2					10.2	9.6
SSW	.1	.3	.5	.1	.1						1.2	8.4
SW	.5	.6	.3	.2	.1						1.9	6.6
WSW	.1	.9	.4		.1						1.5	6.7
W	.5	.8	1.1	.5		.3					3.2	8.9
WNW	.4	1.2	1.1	.8	.2	.1					3.9	8.7
NW	.1	1.0	1.8	2.9	.9	.4					7.1	12.2
NNW	.1	1.5	1.9	4.2	1.4	.6					9.8	12.6
VARIABLE												
CALM	////////////////////										3.7	////
TOTALS	4.2	21.0	26.9	29.5	10.2	4.4	.2				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(1ST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	3.5	3.8	5.9	2.9	1.1					17.7	11.8
NNE	.4	2.2	1.5	1.5	.3						5.9	8.4
NE	.3	1.5	1.4	.5	.4	.1					4.3	8.6
ENE	.2	1.9	.5								2.7	5.6
E	.4	1.4	1.1								2.9	6.1
ESE	.6	2.2	1.4	.3							4.5	6.3
SE	.3	1.1	1.6	2.5	.6	.5					6.7	11.6
SSE	.2	1.5	3.2	4.6	1.2	1.0					11.7	12.3
S	.6	3.3	3.2	3.8	.6						11.5	9.5
SSW	.1	.8	.8	.3	.1						2.0	8.1
SW		.3	.1								.4	6.3
WSW	.2	.9	.8								1.9	6.1
W	.1	1.8	1.6	.2		.2		.1			4.1	8.7
WNW	.3	1.2	1.0	.4	.1		.1				1.1	8.1
NW	.4	1.3	1.1	2.9	.5	.8					7.0	12.2
NNW	.2	1.7	2.5	2.0	1.5	.5	.1				8.6	11.9
VARIABLE												
CALM	////////////////////										4.9	////
TOTALS	5.1	26.6	25.5	25.1	8.4	4.2	.2	.1			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	2.4	4.2	5.1	3.1	1.3	.2	.0				16.7	12.8
NNE	.3	1.5	2.1	1.6	.3	.1						5.8	9.3
NE	.3	1.4	1.5	.7	.1	.0						4.0	8.2
ENE	.2	1.1	1.2	.4	.2	.0						3.1	8.3
E	.3	1.2	1.0	.4	.0							3.0	7.0
ESE	.3	1.5	1.6	.5	.1							3.9	7.3
SE	.2	.9	2.0	2.2	1.3	.9	.0					7.0	12.3
SSE	.1	1.1	2.2	3.8	2.1	1.3	.1					10.7	14.0
S	.4	2.4	3.9	3.5	.8	.7	.1					11.3	10.1
SSW	.1	.8	.9	.3	.1							2.2	7.8
SW	.2	.7	.5	.4	.0							1.8	7.5
WSW	.1	.7	.8	.4	.0							1.9	7.9
W	.2	1.2	1.4	.8	.1	.1	.	.1				3.8	9.4
WNW	.3	.8	.9	1.0	.4	.1	.0					3.5	10.8
NW	.2	1.0	1.5	2.1	.7	.4						6.0	11.6
NNW	.2	1.6	2.6	3.5	1.9	1.0	.1	.1				11.0	13.1
VARIABLE													
CALM	////////////////////											4.4	////
TOTALS	3.8	20.3	28.0	20.6	11.3	5.2	.5	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	3.0	3.8	3.9	1.4	1.1					13.7	11.4
NNE		1.9	2.7	2.1	.1						6.8	9.0
NE	.8	1.4	1.9	1.1							5.2	7.4
ENE	.1	1.6	2.3	.4							4.4	7.5
E	.2	1.4	1.1	.2							3.7	6.3
ESE		2.8	2.7	.8							6.2	7.3
SE	.1	1.2	3.2	1.4	.6	.1					6.7	10.0
SSE	.2	1.8	3.9	3.1	.9	.9					10.8	11.4
S	.3	3.2	3.2	1.4	.2						8.4	8.0
SSW		1.0	2.0	.4							3.4	7.9
SW	.1	.9	.4								1.4	5.5
WSW	.2	.9	1.0								2.1	5.9
W	.6	1.6	.6	.8							3.4	7.3
WNW	.1	1.0	1.3	1.0	.2						3.7	8.9
NW	.2	1.4	1.9	1.6	.6	.4					6.1	10.9
NNW		1.4	3.2	2.7	.9	.7		.3			9.1	11.6
VARIABLE												
CALM	////////////////////										5.4	////
TOTALS	3.4	26.9	35.2	21.0	4.9	2.8		.3			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 7P-R7
MONTH: APR HOURS(IST): 0700-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	3.2	5.0	3.7	1.2	1.3	.1					15.0	11.1
NNE	.4	1.4	1.9	2.4	.2							6.4	9.5
NE	.1	1.6	.9	1.0								3.6	7.7
ENE	.1	1.1	2.4	.8	.1							4.6	8.3
E	.2	1.2	1.6	.9								3.9	8.1
ESE	.3	1.7	1.6	.9								4.4	7.4
SE	.1	1.1	2.3	2.9	.4	.1						7.0	10.6
SSE	.1	2.0	4.7	3.7	.8	.9						12.1	11.1
S	.6	3.9	3.0	1.3								8.8	7.1
SSW		1.1	.6	.2								1.9	6.6
SW	.2	1.1	.3	.1								1.2	6.3
WSW		1.2	.9	.2								2.3	7.3
W	.1	1.2	1.6	.6								3.4	8.0
WNW	.1	1.1	1.3	.6	.2	.1						3.4	8.8
NW	.3	1.2	2.6	1.6	.8		.1	.1				6.7	10.7
NNW	.4	2.9	2.6	1.9	1.3	.1		.1				9.3	10.1
VARIABLE													
CALM	////////////////////////////////////										5.3	////	
TOTALS	3.7	27.1	33.1	22.7	5.1	2.5	.2	.2				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LOCAL): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.6	3.6	4.0	2.1	1.2	.4				14.4	12.7
NNE	.2	.6	2.1	2.6	.2						5.7	10.6
NE	.1	1.1	1.4	1.7	.1						4.4	9.7
ENE	.4	.3	2.0	.7	.2						3.7	8.8
E	.3	1.0	1.6	1.2							4.1	8.6
ESE	.8	1.2	1.7	1.2							4.9	7.9
SE	.3	1.6	3.1	3.0	.4						8.4	10.2
SSE	.1	1.7	2.6	3.6	1.7	1.2	.1				10.9	13.1
S		4.3	3.2	1.6	.1						9.2	7.6
SSW		.8	.8	.6							2.1	8.2
SW	.9	.9	.9								2.6	5.3
WSW	.2	.2	.6	.4		.1					1.6	9.1
W	.2	1.0	1.6	.9	.2	.1					4.0	9.3
WNW	.2	.4	1.4	1.1		.1					3.3	6.4
NW	.3	1.3	2.8	1.1	.3	.1	.1	.1			6.2	10.3
NNW	.3	1.4	2.6	3.6	1.1	.1	.3				9.4	12.0
VARIABLE												
CALM	////////////////////										5.0	////
TOTALS	5.1	20.3	31.8	27.1	6.6	3.0	1.0	..			100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.4	2.3	6.3	3.4	1.0	.4				15.9	14.0
NNE	.1	.3	2.7	2.4	1.0						6.6	11.6
NE		1.1	2.1	1.7	.6						5.4	10.1
NNE		.8	1.3	1.2	.1						3.4	9.7
E	.1	.6	.7	1.8	.1						3.2	10.7
ESE	.1	.7	1.3	.6							2.7	8.4
SE	.7	.9	2.7	3.4	.7		.1				8.1	11.2
SSE		.8	2.1	3.7	2.0	1.6	.1				10.2	14.8
S	.3	1.6	3.4	4.3	1.9	.4	.1				12.1	17.2
SSW		1.0	.6	.9	.3	.1	.1				3.0	11.7
SW	.1	.6	.3	.1	.1						1.2	7.8
WSW	.2	.9	.4	.7							2.2	8.0
W	.6	.6	.8	1.3	.4	.3					4.0	11.4
WNW	.2	.8	.3	1.0	.7	.1	.2				3.3	12.8
WN		1.0	2.1	1.8	1.2	.6	.1	.1			6.9	13.6
NNW		1.1	2.2	3.9	1.8	.1	.7				9.8	13.4
VARIABLE												
CALM	////////////////////										1.9	////
TOTALS	2.8	14.0	25.4	35.1	14.3	4.4	1.9	.1			100.0	12.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.0	2.1	6.3	4.8	1.6	.7				16.4	15.5
NNE		.0	2.9	7.7	.3						7.8	15.8
NE		.1	2.3	2.4	.4						5.3	11.3
ENE	.1	.3	1.8	1.1	.1						3.4	5.7
E	.6	.8	1.3	1.1	.1	.1					4.0	8.5
ESE		.3	.7	.8							1.8	9.8
SE	.1	.6	1.4	3.9	.8	.1					7.1	17.7
SSE	.1	.2	.2	4.4	2.6	1.7					9.8	15.1
S	.1	.3	1.4	3.7	2.2	.6	.2				9.7	14.2
SSW	.3	.3	1.0	1.3	.7	.7	.1				4.1	15.8
SW	.1	.4	.3	.6	.3	.1					1.7	11.4
WSW	.2	.4	.4	.7	.4						2.7	10.5
W	.1	.4	1.2	1.0	.2	.6					3.6	12.5
WNW		.4	1.0	2.0	1.2	.2					4.9	15.6
NW	.7	1.0	1.8	2.6	1.2	.8	.2	.1			8.0	15.4
NNW	.1	1.0	1.8	3.8	1.9	.7	.6	.1			9.9	14.5
VARIABLE												
CALM	////////////////////											.8
TOTALS	2.2	9.3	22.3	39.3	17.3	6.7	1.8	.2			100.0	15.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.7	2.4	6.6	4.4	2.1	.2				17.6	14.7
NNE	.2	1.1	1.8	5.0	.7	.1					8.9	11.7
NE		.6	2.8	3.3							6.7	10.4
NNE		.7	1.6	1.8	.1						4.1	10.5
E	.2	.9	1.2	.7							3.0	7.6
ESE		.2	.9	.7							1.9	9.6
SE	.2	.2	2.9	3.1	1.0	.1					7.6	12.0
SSE	.1	.8	1.3	3.7	2.3	.9					9.0	14.4
S	.2	.9	2.6	2.0	2.3	.9					8.9	13.4
SSW	.3	.2	.8	1.0	.7	.1					3.1	12.2
SW		.2	.3	1.0	.6	.1					2.3	13.1
WSW	.1	.7	.8	.6							2.1	8.5
W		.7	.7	1.4	1.1	.2					4.1	13.8
WNW	.2	.4	1.6	1.4	.8	.2	.1				4.8	12.4
Wd		.9	1.1	1.8	.9	.4	.1				5.2	12.9
NNW	.1	.6	1.3	4.0	1.9	1.7	.3	.1			9.7	15.5
VARIABLE												
CALM	////////////////////										1.1	////
TOTALS	1.9	10.9	24.0	34.0	16.8	6.4	.8	.1			100.0	12.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(151): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.1	4.8	5.0	3.0	.8	.3	.1			16.8	12.5
NNE	.2	1.2	3.3	2.9	.2	.1					9.7	10.1
NE	.3	2.2	2.9	2.2	.1						7.8	8.6
ENE	.1	1.7	2.9	.9							5.6	7.7
E	.2	1.3	1.8	.9	.1						4.3	8.3
ESE	.1	1.2	1.3	.9							3.5	8.4
SE	.2	.9	2.9	3.9	.6	.2					8.7	11.1
SSE	.1	.9	2.0	3.7	1.7	.1					8.4	12.4
S	.4	1.9	3.4	2.0	.6						8.3	9.1
SSW	.2	.2	.8	.7	.2						1.7	9.1
SW	.3	.7	.1	.6	.2						1.9	8.7
WSW	.2	.6	.6	.2							1.6	7.1
W	.1	.8	.4	.9	.4	.1					2.9	11.2
WNW	.3	.7	1.0	1.0	.7						3.2	11.0
NW	.1	1.4	1.9	1.8	.7						5.9	10.2
NNW	.1	1.0	2.1	2.9	1.7	.8		.2			8.8	14.7
VARIABLE												
CALM	////////////////////										2.8	////
TOTALS	3.9	18.7	32.2	25.9	10.1	2.1	.3	.3			107.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7A-87
MONTH: APR HOURS(1511): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.8	3.8	5.0	2.2	.4	.2				14.8	11.9
NNE	.4	.9	3.2	1.7							6.2	8.6
NE	.4	1.6	2.3	.7							5.3	7.3
ENE	1.0	2.4	1.4	1.3							6.2	7.3
E	.3	2.4	2.3	1.0							6.1	7.1
ESE	.4	2.1	1.1	.6							4.2	6.8
SE	.2	2.4	2.6	2.8	.6	.3					8.9	10.3
SSE	.4	2.1	2.4	4.6	.8	.3					10.7	10.8
S	.3	1.9	2.4	2.4	1.0						8.1	9.9
SSW	.3	.7	1.0	.2	.1						2.3	7.4
SW	.1	.6	.6								1.2	6.1
WSW	.1	.6									.7	5.0
W	.1	1.1	1.0	.8	.4						3.4	9.6
WNW	.1	.1	1.4	1.0	.2						3.3	9.9
NW	.2	1.4	1.2	1.1	.2						4.2	8.6
NNW	.6	1.9	2.9	2.6	.7	.4		.7			9.3	11.5
VARIABLE												
CALM	////////////////////										5.0	////
TOTALS	5.6	25.7	29.8	25.7	6.2	1.4	.2	.3			100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS									TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47		
N	.4	2.2	3.5	5.1	2.9	1.2	.3	.0		15.6	13.1
NNE	.2	1.0	2.6	3.8	.3	.0				7.0	10.3
NE	.2	1.2	2.1	1.8	.2					5.5	9.1
ENE	.2	1.1	2.0	1.0	.1					4.4	8.5
E	.3	1.2	1.4	1.0	.0	.0				4.7	8.2
ESE	.2	1.3	1.4	.8						3.7	7.9
SE	.2	1.1	2.6	3.1	.6	.1	.0			7.9	10.9
SSE	.2	1.3	2.5	3.6	1.6	.9	.0			10.2	12.9
S	.3	2.3	2.8	2.3	1.0	.2	.0			9.1	10.3
SSW	.2	.7	.9	.6	.2	.1	.0			2.7	9.9
SW	.2	.7	.4	.3	.2	.0				1.8	8.3
WSW	.2	.7	.6	.3	.1	.0				1.8	7.9
W	.2	.9	1.0	1.0	.4	.2				3.6	10.4
WNW	.2	.6	1.2	1.1	.5	.1	.0			3.7	11.0
NW	.2	1.2	1.9	1.7	.7	.3	.1	.1		6.2	11.5
NNW	.2	1.5	2.3	3.2	1.4	.5	.2	.2		9.4	12.8
VARIABLE											
CALM	////////////////////									3.4	////
TOTALS	3.6	19.1	29.2	29.8	10.2	3.7	.8	.2		100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY FOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.9	2.9	1.7	3.0	1.4	.1		10.0	10.1
NNE	.2	1.3	1.7	.8	.1			4.1	8.1
NE	.4	1.4	1.0	1.1	.1			4.0	8.0
ENE	.6	2.0	1.5	.6				4.8	6.9
E	.5	3.7	2.8	1.0				7.6	7.1
ESE	.8	1.8	1.6	.5				4.7	6.7
SE	.2	3.0	3.9	2.7	.4	.7		10.4	9.5
SSE	.5	1.7	3.5	3.2	1.2	.5		10.8	11.0
S	.3	3.9	4.7	3.8		.1		12.8	8.8
SSW	.1	.9	.8	.2				1.9	6.9
SW	.5	1.7	.5	.2	.1	.2		3.3	7.1
WSW		.9	1.3		.1			2.3	7.5
W	.2	1.3	1.3	.1				2.9	6.7
WNW	.3	.9	.6	.5				2.4	7.6
NW	.2	1.5	1.3	1.0	.2			4.2	8.3
NNW	.2	1.6	1.9	2.4	1.0			7.1	10.4
VARIABLE									
CALM	////////////////////							6.7	////
TOTALS	6.1	30.1	30.2	21.1	4.6	1.2		100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 79-87
MONTH: MAY HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.7	2.2	3.5	.8	.2	.1				9.9	10.4
NNE	1.1	1.4	1.5	.5	.2						4.7	7.5
NE	.5	.9	.6	1.1							3.0	7.8
ENE	.4	1.9	1.7	.4							4.5	6.8
E	.8	2.2	1.6	.9							5.4	6.9
ESE	1.2	2.0	1.4	.6	.1						6.1	6.4
SE	.1	1.4	3.5	1.7	.8						7.5	9.8
SSE	.2	2.7	3.9	4.7	1.3	.5					13.3	11.0
S	.2	5.3	4.7	1.9	.3						12.5	7.8
SSW	.2	1.9	1.1	.3							3.4	6.5
SW	.2	1.0	.5	.1	.1						1.9	6.5
WSW		.3	.8		.1	.1					1.3	10.0
W	.3	1.2	.9	.5	.1						3.0	7.8
WNW	.2	1.1	.8	.4							2.5	7.2
NW	.3	1.4	1.5	.9		.1					4.2	8.1
NNW	.5	1.4	1.9	2.6	1.3	.5					8.5	10.8
VARIABLE												
CALM	////////////////////										8.2	////
TOTALS	6.8	29.7	28.6	20.3	5.1	1.3	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LOCAL): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N		2.4	3.1	4.2	1.2	.2						11.1	11.1
NNE	.1	.6	2.4	1.1		.2						4.4	9.5
NE	.2	1.5	1.5	1.0								4.2	7.9
ENE	.3	1.8	1.1	.3								3.5	6.8
E	.8	1.5	1.0	1.1								4.3	7.1
ESE	.1	1.2	1.8	1.0								4.1	8.3
SE	.2	2.7	4.3	2.5	.2	.1						9.4	9.7
SSE	.3	2.0	2.8	4.9	1.3	.5						10.0	11.6
S	.2	3.4	5.9	4.0	.4	.1						14.1	9.4
SSW	.6	.5	1.3	.3								2.9	6.7
SW	.2	.9	.4	1.0	.1							2.6	8.8
WSW	.1	.5	.5	.4	.1							1.7	9.5
W	.3	1.0	1.0	.8	.1	.1						3.2	9.7
WNW	.2	.6	.8	1.6	.5							3.6	10.9
NW	.1	.9	1.1	1.1	.2							3.3	9.4
NNW	.3	1.6	2.4	2.5	1.7	.1						9.6	11.4
VARIABLE													
CALM	////////////////////											6.9	////
TOTALS	4.2	22.6	31.3	27.6	5.9	1.5						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 79-87
MONTH: MAR HOURS(UT): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.7	2.7	4.9	1.9	.4					11.9	12.2
NNE	.1	1.0	2.7	2.0	.1	.1					6.0	10.1
NE		.9	1.4	1.1							3.3	9.9
ENE	.2	.9	1.5	1.1	.1						3.8	8.5
E	.3	1.0	1.6	.8							3.7	7.7
ESE		.8	1.9	1.4							4.0	9.3
SE	.1	1.2	2.8	2.6	.4		.1				7.2	10.5
SSE	.4	1.0	3.1	5.7	2.6	.6	.1				13.7	13.3
S	.2	1.8	2.3	5.2	3.0	.5					13.0	12.8
SSW	.1	1.2	1.4	1.2	.8						4.6	10.6
SW	.2	1.3	.3	.4	.1	.1					2.7	9.5
WSW	.5	1.2	.6	1.1	.1						3.5	8.1
W		1.3	.9	1.0	.4	.2					3.8	10.4
WNW		1.0	.4	2.3	.4						4.5	11.2
NW	.3	.2	1.8	1.7	.6	.2					4.9	11.6
NNW	.1	.9	1.6	2.9	1.6	.3					7.4	12.8
VARIABLE												
CALM	////////////////////										1.9	////
TOTALS	2.9	17.1	27.4	35.3	12.3	2.9	.2				107.0	11.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 70-87
MONTH: MAY HOURS(IST): 1700-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.3	3.3	2.9	2.4	.9					10.9	12.8
NNE		.8	1.4	3.1	.4						5.7	11.2
NE	.3	1.6	1.6	1.5	.5	.2					5.4	9.9
ENE	.4	1.1	1.3	1.4	.1						4.3	8.5
E	.2	1.4	2.0	1.5	.1						5.3	8.6
ESE	.2	1.0	2.3	1.3							4.7	8.8
SE	.1	.8	1.8	2.8	.6		.2				6.3	11.9
SSE		1.5	1.9	3.0	2.2	.9	.1				9.6	13.4
S	.1	1.4	2.6	4.4	4.1	1.2	.3				14.1	14.5
SSW	.3	.5	1.1	1.1	.4	.2	.1				3.9	11.5
SW	.4	.7	1.3	1.5	.3						4.1	9.7
WSW		.6	.4	.4	.5	.2					2.3	11.9
W	.3	.4	.9	1.1	.4						3.1	10.4
WNW		1.0	.9	1.2	1.3	.3	.1				4.7	13.5
NW		1.1	1.5	2.5	1.0	.7					6.3	12.3
NNW	.1	.8	2.5	2.7	1.3	.9					8.1	12.9
VARIABLE												
CALM	////////////////////										1.0	////
TOTALS	2.7	15.7	26.8	32.4	15.7	4.9	.9				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LEST): 1500-1700

DIRECTION (DEGREE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.0	2.9	6.2	1.8	1.0					13.1	13.3
NNE		1.1	1.7	2.3	.4	.1					5.6	11.7
NF	.1	1.0	2.4	1.0	.2						4.6	9.1
NNE		1.2	2.4	1.3							4.8	6.3
E		1.3	2.5	1.0							4.7	8.4
ESE		1.5	2.6	1.4	.1						5.6	8.0
SE		1.2	1.8	1.8	.5	.1	.1				5.6	11.1
SSE	.1	1.4	1.0	4.2	2.3	.7	.2				9.5	13.8
S	.3	1.4	1.9	3.8	3.1	1.4	.1				12.0	14.1
SSW	.1	1.0	.9	1.7	.6	.1	.2				4.6	12.4
SW		1.0	1.1	1.2	.7						5.4	9.6
WSW		.5	.3	1.3	.6	.7					3.0	12.9
W		.8	1.1	1.3	.3		.1				3.5	10.7
WNW		.7	1.1	2.4	.6	.4					4.7	13.7
NW	.1	.5	1.7	2.3	1.3	.1	.1	.1			6.2	13.4
NNW	.3	.6	1.5	2.4	1.4	.9					7.1	13.4
VARIABLE												
CALM	////////////////////////////////////										1.7	////
TOTALS	1.3	15.6	26.8	31.4	13.7	4.6	.9	.1			107.0	11.8

TOTAL NUMBER OF OBSERVATIONS: 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.6	4.5	4.9	2.4	.5					13.9	12.3
NNE	.3	.8	1.3	1.5	.5	.1					4.5	10.6
NL	.4	2.5	3.9	1.5							8.3	8.0
ENE	.2	1.7	2.5	.4							5.3	7.5
E	.4	3.2	3.1	.9							7.7	6.9
ESE	.4	2.5	2.3	.8							5.9	7.0
SE	.2	1.7	2.5	1.7	.4	.2	.1				6.9	10.1
SSE	.1	1.1	2.6	3.9	1.5	.3	.1				9.6	12.3
S	.2	1.2	2.5	3.8	1.9	.2					10.0	12.2
SSW	.2	.6	1.3	.8							2.9	9.8
SW	.1	.8	.8	.4	.3	.1					2.4	10.8
WSW	.2	.7	.5	.6	.1						1.9	9.9
W	.1	.8	.9	.8	.1	.1					2.7	9.5
WNW	.1	.2	.5	1.5	.6						3.0	12.3
NW	.1	1.7	2.0	2.4	.8	.1					6.4	11.1
NNW		.8	2.0	1.4	.9	.5					5.6	11.8
VARIABLE												
CALM	////////////////////										2.8	////
TOTALS	3.3	20.5	33.7	27.2	9.6	2.7	.2				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS: 947

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(1ST): 2100-2300

DIRECTION DEGREES	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.3	2.6	3.1	4.0	1.1	.5			11.7	11.0
NNE	.1	2.8	1.3	.5	.4				5.2	7.7
NE	.3	1.2	1.6	1.1					4.2	8.1
ENE	.5	4.2	2.4	.6					7.8	6.6
E	.6	4.2	2.0	.6					7.6	6.7
ESE	1.0	3.1	1.6	.9	.1				6.7	6.9
SE	.1	2.7	4.3	1.7	.3	.3			9.5	9.2
SSE	.1	1.8	2.5	4.0	1.1	.2			9.7	11.2
S	.4	2.8	3.8	3.3		.1			10.5	9.0
SSW	.1	.5	1.1	.2		.1			2.0	8.3
SW	.1	1.3	.6		.1	.1			2.3	7.7
WSW	.2	.9	.9	.1					2.0	6.5
W		1.0	.6	.3					1.9	7.6
WNW	.2	.7	1.5	.2					2.3	8.0
W	.4	2.2	1.1	1.5	.3		.1		5.6	8.9
NNW	.1	1.4	1.7	1.6	.4	.1			5.5	10.0
VARIABLE										
CALM	////////////////////									5.6
TOTALS	4.7	23.1	30.2	20.8	3.9	1.5	.1		100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): ALL

DIRECTION (DOLPHIN)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.0	2.6	4.2	1.6	.5	.0				11.6	11.7
NNE	.2	1.2	1.7	1.5	.3	.1					5.0	9.6
NE	.3	1.7	1.7	1.2	.1	.0					4.7	8.5
ENE	.3	1.0	1.8	.8	.0						4.9	7.5
E	.5	2.3	2.1	1.0	.0						5.9	7.1
ESE	.5	1.8	1.9	1.0	.0						5.2	7.6
SE	.1	1.7	3.1	2.2	.5	.1	.1				7.9	10.0
SSE	.2	1.7	2.7	4.2	1.7	.5	.1				11.0	12.2
S	.3	2.7	3.6	5.8	1.6	.5	.1				12.4	11.1
SSW	.2	.9	1.1	.7	.2	.1	.0				3.3	4.5
SW	.2	1.0	.7	.6	.2	.1					2.8	8.8
WSW	.1	.7	.7	.5	.2	.1					2.2	9.6
W	.2	1.0	.9	.7	.2	.1	.0				3.0	9.2
WNW	.1	.7	.9	1.3	.4	.1	.0				3.5	11.2
NW	.2	1.1	1.5	1.7	.6	.1	.0	.0			5.2	10.7
NNW	.2	1.2	2.0	1.3	1.2	.4					7.2	11.7
VARIABLE												
CALM	////////////////////										4.3	////
TOTALS	4.0	23.1	29.4	27.5	6.8	2.1	.1	.2			100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 7434

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.3	2.1	2.0	.4						7.6	8.7
NNE	.3	1.1	1.3	.7	.1						3.6	7.6
NE	.1	1.0	.7	.3							2.1	7.1
ENE	.3	1.9	.9	.1							3.2	5.0
E		2.2	1.8	.2							4.2	6.5
ESE	.2	3.2	1.9	.6							5.9	6.5
SE		2.4	1.7	3.1	.4	.2					7.9	10.2
SSE	.9	1.8	3.6	5.2	1.2						12.9	10.9
S	.4	5.6	5.3	1.8		.2					13.7	7.7
SSW	.2	2.2	1.1	.3							3.9	6.2
SW	.4	1.9	1.6	.4							4.3	6.4
WSW	.2	1.4	1.3	.4	.1						3.6	7.5
W		1.3	1.9	.2		.1					3.6	7.9
WNW	.3	1.4	1.6	1.2							4.5	7.9
NW	.2	1.1	2.6	.9	.3						5.6	8.6
NNW	.2	.9	2.3	1.4	.1						5.0	9.4
VARIABLE												
CALM	////////////////////										8.2	////
TOTALS	5.0	32.7	31.8	14.0	2.8	.6					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 570

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0700-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.2	2.3	1.6	.3						6.8	6.8
NNE	.3	1.6	1.1	.6							3.6	7.4
NE	.3	1.3	.6	.4							2.7	6.4
NNE	.4	.8	.2	.2							1.7	5.9
E	.6	2.0	1.4	.6							4.6	6.8
ESE	.6	2.8	1.3	.7	.1						5.4	6.7
SE	.8	1.9	2.3	2.6	.3						7.9	9.1
SSE	.2	2.4	4.3	5.6	1.6						14.1	10.7
S	1.0	3.8	5.3	1.7							11.8	7.3
SSW	.4	1.7	.9	.4							3.4	6.5
SW	.9	1.6	1.7	.2							4.3	6.7
WSW	.4	1.3	.3	.8							2.9	7.1
W	.2	2.3	1.9	.3	.2						5.0	7.0
WNW	.3	2.1	2.1	.8	.6	.1					6.0	8.5
NW	.4	1.4	2.0	1.4							5.3	8.2
NNW	.6	1.9	2.0	1.2							5.7	7.6
VARIABLE												
CALM	////////////////////										8.9	////
TOTALS	7.9	31.1	29.9	19.0	3.1	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.2	3.7	2.2	.8						9.1	9.4
NNE	.1	1.1	1.9	1.2							4.3	8.9
NE	.7	1.1	1.1	.4							3.3	6.7
ENE	.4	1.1	1.0	.3							2.9	6.7
E	.4	1.8	1.1	.1		.1					3.6	6.8
ESE	.2	1.4	1.2	.7	.1						3.7	8.0
SE	.1	2.0	3.7	2.3	.2						8.3	9.4
SSE	.3	1.3	3.9	5.3	.9	.3					12.1	11.3
S	.6	2.2	4.6	3.4	.2	.1					11.3	9.4
SSW	.1	1.1	1.8	.7							3.7	8.1
SW	.1	.9	1.8	.3							3.1	6.0
WSW	.3	.8	2.1	.8							4.0	9.1
W	.8	1.9	2.0	1.3	.3						6.3	8.1
WNW	.1	.9	2.2	1.7	.3	.1					5.3	10.2
NW	.2	.8	1.8	2.6	.3						5.7	10.6
NNW	.2	2.2	3.0	1.9	.2						7.6	8.8
VARIABLE												
CALM	////////////////////										5.7	////
TOTALS	5.0	22.9	37.0	24.3	3.4	.7					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECIUM FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.1	2.7	4.8	.6							9.4	10.7
NNE		1.0	1.8	1.1	.3							4.2	9.7
NE		1.8	2.1	1.6								5.4	8.6
ENE	.2	1.1	1.6	.6								3.4	7.5
E	.1	.7	1.3		.2							2.3	8.2
ESE	.1	.7	1.3	.9	.1	.1						3.2	9.7
SE	.1	.9	2.2	2.6	.3	.3						6.3	10.9
SSE	.1	1.0	3.1	5.7	1.8	.7						12.3	12.7
S	.4	1.1	4.0	5.2	1.7	.1	.1					12.7	11.5
SSW	.3	.9	.9	1.4	.3	.1						4.0	10.3
SW	.1	.7	1.1	1.0								2.9	9.0
WSW	.1	.6	1.2	1.2	.3	.1						3.6	10.6
W	.1	1.1	2.3	2.1	.7	.2						6.6	10.7
WNW	.1	.4	1.1	2.7	.7	.1						5.1	12.4
NW	.2	.7	2.7	3.8	.9	.2						9.4	12.1
NNW		.8	2.9	3.9	.9	.1						8.6	11.8
VARIABLE													
CALM	////////////////////											1.4	////
TOTALS	2.4	14.3	32.3	34.4	8.8	2.1	.1					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.0	2.6	3.8	.9						9.2	11.0
NNE	.1	1.3	2.2	1.0	.2						4.9	8.9
NE		.4	1.8	1.0	.1						3.3	9.6
ENE	.2	.6	1.0	.9							2.7	8.8
E	.1	.7	1.8	.7							3.2	8.3
ESE	.1	.8	2.1	.6							3.6	8.0
SE	.1	1.3	2.1	2.4	1.0	.2					7.2	11.4
SSE		.2	2.0	4.3	2.6	.7					9.8	14.4
S	.1	1.2	3.7	4.3	2.9	.1					12.3	12.3
SSW		.4	1.4	.7	.1	.1					2.8	10.5
SW		1.1	1.1	1.3	.2						3.8	9.6
WSW		.4	2.0	.7	.2						3.3	9.5
W	.2	1.1	2.1	1.9	1.3	.3	.1				7.1	12.5
WNW	.1	.4	1.1	3.8	1.0	.3					6.8	13.1
NW		.9	1.9	4.0	2.8	.3					9.9	13.5
NNW	.2	.7	2.6	4.8	1.3	.2					9.8	12.4
VARIABLE												
CALM	////////////////////////////////////										.3	////
TOTALS	1.3	13.7	31.4	36.1	14.7	2.3	.1				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.1	1.3	3.1	5.1	1.0							10.7	11.1
NNE	.2	.4	1.3	2.0								4.0	9.8
NE	.1	1.2	1.1	1.4	.2							4.1	9.3
NNE		.8	.9	.1								1.8	6.9
E	.1	1.3	1.4	.6	.1							3.8	8.5
ESE	.1	1.2	1.0	.3								2.7	7.5
SE	.1	.9	2.6	2.3	.2							6.1	10.1
SSE	.1	.8	2.2	5.2	1.3	.7						10.3	13.1
S		.7	2.9	4.1	2.7	.3						10.7	13.5
SSW		.3	1.0	1.1	.3	.1						2.9	12.0
SW	.1	.9	1.7	1.7	.1							4.4	9.6
WSW		.4	1.6	1.1								3.1	10.1
W	.2	1.0	1.3	2.7	.4	.1						5.8	11.1
WNW	.1	.8	1.7	3.1	1.9	.3						7.9	13.2
NW	.2	.8	2.4	5.0	2.2	.6						11.2	13.4
NNW		.7	3.8	4.4	.8	.3						10.0	12.1
VARIABLE													
CALM	////////////////////////////////////											.6	////
TOTALS	1.6	13.6	30.0	40.6	11.3	2.4						100.0	11.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUNE HANDSILET: 1900-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.0	4.1	4.1	.8	.3					11.4	10.6
NNE	.3	1.6	2.1	1.0	.2						5.2	8.3
NE	.1	2.8	2.2	.7	.1						5.9	7.0
ENE	.4	.8	.8	.2							2.2	6.3
E		2.1	2.0	1.0							5.1	7.7
ESE	.1	1.0	2.7	.4							4.2	7.6
SE	.1	1.1	3.0	3.6	.1						7.9	10.1
SSE	.2	.7	3.0	4.2	.7	.2					9.0	11.6
S		1.7	2.9	3.0	.7	.7					9.4	10.7
SSW	.2	1.0	1.3	.6							3.1	7.5
SW	.2	1.3	1.0	.6	.2						3.3	8.3
WSW	.3	.9	.9	1.1							3.2	8.2
W	.2	1.7	1.2	1.0	.2	.7					4.0	9.0
WNW	.2	1.4	1.7	1.4	1.1	.2	.1				6.2	11.3
NW		1.6	3.2	3.7	1.1	.1					9.7	10.9
NNW		1.6	3.8	2.9	.3						9.6	9.8
VARIABLE												
CALM	////////////////////										1.9	////
TOTALS	2.7	23.1	35.9	29.4	5.6	1.3	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LEST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	3.7	2.6	2.3	.2						9.9	8.4
NNE	.2	2.8	1.2	.4							4.7	6.5
NE	.3	2.6	1.2	.4							4.6	6.4
ENE	.3	2.9	.6	.1	.1						4.0	5.9
E	.7	2.7	1.3	.3							5.0	6.1
ESE		3.0	1.9	.6							5.4	6.8
SE	.3	2.1	4.3	4.2	.2						11.2	9.6
SSE	.3	1.8	3.7	2.9	.7						9.3	9.9
S	.7	3.0	3.3	2.0	.1						9.1	9.0
SSW		2.2	1.3								3.6	6.3
SW	.1	2.9	.8	.1							3.9	5.6
WSW	.2	2.3	.9	.2							3.7	5.9
W	.8	2.2	1.3	.8	.1						5.2	7.0
WNW	.4	1.9	.7	.4							3.4	6.5
NW	.3	1.8	2.1	1.2	.4	.4					6.3	9.7
NNW	.1	1.7	1.1	1.7	.3						4.9	9.5
VARIABLE												
CALM	////////////////////										6.8	////
TOTALS	5.0	39.4	28.3	17.8	2.2	.4					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.1	2.9	3.2	.6	.0					9.1	9.9
NNE	.2	1.4	1.6	1.0	.1						4.3	8.4
NE	.2	1.5	1.3	.8	.1						3.9	7.7
ENE	.3	1.2	.9	.3	.0						2.7	6.7
E	.2	1.7	1.5	.5	.0	.0					4.0	7.2
ESE	.2	1.8	1.7	.6	.0	.0					4.3	7.4
SE	.2	1.6	2.7	2.9	.4	.1					7.9	10.0
SSE	.3	1.2	3.2	4.8	1.3	.3					11.2	11.8
S	.4	2.4	4.0	3.2	1.0	.1	.0				11.2	10.0
SSW	.2	1.2	1.2	.7	.1	.0					3.4	8.3
SW	.2	1.4	1.3	.7	.1						3.9	7.8
WSW	.2	1.0	1.3	.8	.1	.0					3.4	8.4
W	.3	1.6	1.8	1.3	.4	.1	.0				5.5	9.4
WNW	.2	1.2	1.5	1.9	.7	.2	.0				5.7	10.8
NW	.2	1.2	2.3	2.8	1.0	.2					7.8	11.3
NNW	.2	1.3	2.7	2.8	.5	.1					7.5	10.5
VARIABLE												
CALM	////////////////////										4.2	////
TOTALS	3.9	23.0	32.1	28.2	6.5	1.2	.0				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	2.7	2.0	1.2								6.6	7.3
NNE	.5	.9	1.1	.1								2.6	6.1
NE	.2	1.1	1.0	.2								2.5	7.3
NNE	.5	1.9	.6	.1								3.2	5.4
E	.2	2.0	1.6	.3								4.2	6.7
ESE	.4	1.5	1.8	.2								4.0	6.7
SE	.1	1.7	3.1	3.9	.1							8.9	9.7
SSE	.6	2.7	5.5	7.0	.4							16.2	10.1
S	.9	5.1	6.0	2.8	.3							15.1	7.8
SSW	.3	2.3	.9									3.4	5.2
SW	.1	1.9	.5									2.6	5.0
WSW	.2	2.2	1.2									3.5	5.8
W	.3	2.0	1.0	.3					.1			3.8	7.6
WNW	.4	1.5	1.3	1.2	.2	.1	.1					4.8	9.2
NW	.6	2.2	2.2	.2								5.2	6.3
NNW	.5	2.3	1.4	.5	.2							4.9	7.2
VARIABLE													
CALM	////////////////////											8.5	////
TOTALS	6.8	33.9	31.2	18.1	1.3	.1	.1		.1			100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.9	2.6	1.0	.1							7.3	7.0
NNE	.3	1.3	1.0	.2								2.8	6.7
NE	.5	1.1	.5									2.2	5.0
ENE	.8	.9	.5	.1								2.3	5.4
E	.3	1.7	.4	.5								3.0	6.5
ESE	.6	1.5	1.7	.4								4.3	6.7
SE	.2	1.5	1.9	3.4	.1							7.2	10.0
SSE	.9	3.9	5.7	8.7	.5	.2						19.4	10.1
S	.6	6.1	4.9	1.6	.3							13.7	7.2
SSW	.6	1.8	.9									3.3	5.2
SW	.3	2.2	1.0									3.4	5.6
WSW	.2	1.5	.4									2.2	5.5
W	.3	1.3	1.4	.3	.1							3.4	7.1
WNW	.1	2.7	1.5	.4	.2							4.9	7.0
NW	.5	2.4	1.1		.3							4.3	6.4
NNW	1.1	3.0	1.9	.9								6.9	6.7
VARIABLE													
CALM	////////////////////											8.9	////
TOTALS	8.3	35.7	27.5	17.6	1.7	.2						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POIRLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	3.2	4.1	1.5		.1					10.4	7.4
NNE	.6	1.5	.9	.5							3.5	6.9
NL	.3	1.5	.5	.2							2.6	6.2
ENE	.2	1.1	1.1	.3							2.7	7.2
E		1.4	.8	.4							2.6	6.9
ESE	.3	2.3	1.8	.3							4.7	6.7
SE	.2	1.2	2.0	2.6	.2						6.2	9.9
SSE	.2	2.0	5.7	8.6	.5	.2					17.3	11.2
S	.6	5.1	6.6	3.4	.1						15.4	8.1
SSW	.4	1.4	.8	.3							2.9	6.4
SW		.9	1.1	.1	.1						2.2	9.0
WSW	.3	.7	.2	.6	.1						1.6	8.2
W	.5	1.1	.6	.5							2.8	6.9
WNW	.4	1.5	1.3	1.0	.1						4.3	7.8
NW	.5	2.7	2.4	1.7	.4						7.7	8.4
NNW	.1	3.1	2.6	1.3	.1						7.2	7.9
VARIABLE												
CALM	////////////////////										5.4	////
TOTALS	6.5	30.2	32.4	23.5	1.7	.3					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	2.4	4.5	2.9								10.2	5.8
NNE	.2	1.1	2.7	.5	.1							4.6	8.3
NE	.2	1.1	1.7	.1	.1							2.2	7.1
ENE	.1	1.4	1.4	.3								3.2	6.9
E	.1	1.5	1.9	.4	.1							4.1	7.8
ESE	.2	1.3	1.1	.5								3.1	7.7
SE	.3	.9	2.3	2.3								5.7	9.5
SSE	.1	1.7	3.1	6.9	1.7	.3	.1					13.5	12.3
S	.3	4.3	5.9	6.6	1.3	.2						16.6	10.9
SSW	.3	1.0	1.6	1.1								4.0	8.2
SW	.3	.4	1.6	.5								2.9	8.1
WSW	.3	.5	1.3	1.1	.2							3.4	9.6
W	.4	2.2	1.6	1.5	.1							5.8	8.0
WNW		.5	1.6	1.0								3.1	8.7
NW	.4	1.6	1.9	2.0	.5							6.6	9.6
NNW	.7	1.6	2.6	2.8	1.5							8.8	10.9
VARIABLE													
CALM	////////////////////											1.1	////
TOTALS	4.2	21.0	36.5	31.5	5.7	.5	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM PUCKLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	1.7	3.7	3.2	.2						9.4	9.4
NNE	.2	1.3	2.0	.5	.1						4.2	7.9
NE	.4	1.6	1.7								3.7	6.2
ENE	.2	1.7	1.3	.2							3.4	6.5
E	.1	1.8	1.9	.4							4.3	7.2
ESE	.3	.8	2.2	.9							4.1	8.2
SE	.1	.6	2.3	2.0	.5						5.5	11.0
SSE	.3	1.1	2.7	6.2	2.0	.3	.1				12.8	12.7
S	.1	1.7	3.7	6.2	1.7	.7					13.9	11.9
SSW	.1	.4	1.3	1.6	.3						3.8	10.7
SW	.1	.6	1.6	1.0	.4						3.8	10.3
WSW		.5	1.2	.2							1.9	7.9
W	.2	1.9	2.0	2.2	.6			.1			7.2	13.6
WNW		1.2	2.5	1.3	.3						5.3	9.9
NW		1.0	2.0	3.2	.9						7.1	11.5
NNW		1.3	4.4	2.8	1.3						9.8	10.4
VARIABLE												
CALM	////////////////////											.1
TOTALS	2.8	19.1	36.5	32.0	8.6	.6	.1	.1			100.0	10.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

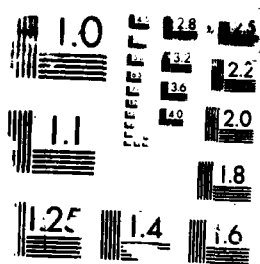
PERIOD OF RECORD 77-86
MONTH: JUL HOURS(IST): 1500-1700

DIRECTION (DIRECTIONS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.4	3.8	4.8	.5						12.0	10.0
NNE	.2	1.6	2.2	.5							4.5	7.5
NE	.3	1.6	1.5	.4							3.9	7.0
ENE	.3	2.0	1.2	.2							3.8	6.4
E	.1	1.5	1.3	.2							3.1	6.9
ESE	.7	.5	2.5	.6							4.0	8.2
SE	.2	.4	2.0	3.0	.8						6.9	11.0
SSE	.3	1.0	2.0	4.3	2.9	.6					11.2	13.4
S	.3	1.0	3.3	6.3	1.1	.4					12.5	11.9
SSW	.1	.3	1.4	1.3	.4	.1					3.7	11.1
SW	.1	1.2	1.5	1.1							3.9	9.1
WSW	.3	.8	1.2	.6	.2	.1					3.2	
W	.1	1.2	1.8	1.9	.8	.1					5.9	
WNW	.1	1.1	1.4	2.6	.3						5.5	
NW	.1	1.0	2.8	2.9	.6	.2					7.6	
NNW		1.3	2.2	3.4	.5						7.4	
VARIABLE												
CALM	////////////////////											
TOTALS	3.1	19.6	32.0	34.4	8.2	1.6						

TOTAL NUMBER OF OBSERVATIONS: 930

AD-A188 320

HECTOR FIELD FARGO NORTH DAKOTA REVISED UNIFORM SUMMARY 2/4
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT AFB DEC 87
UNCLASSIFIED USAFETAC/DS-87/081 F/G 4/2 NL



VERTICAL RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	3.1	4.1	2.6	.3						10.8	8.3
NNE	.5	3.8	1.6	.6	.2						6.8	6.8
NE	.3	3.4	1.7	.3	.1						5.9	6.4
ENE	.5	2.9	1.7	.2							5.4	6.3
E	.2	1.3	2.8	.2	.1						4.6	7.5
ESE	.4	1.0	2.2	.5							4.1	7.3
SE		.6	3.9	3.0	.2						7.7	10.2
SSE		1.7	3.3	5.2	1.6	.1					11.9	11.8
S		1.8	5.1	3.9	.5						11.3	10.1
SSW	.1	1.0	1.4	.6	.1						3.2	8.2
SW	.1	1.6	.9	.6	.1						3.3	7.7
WSW	.4	.9	.4	.4							2.2	6.7
W	.1	1.3	1.3	.6	.5	.1					4.0	9.4
WNW	.2	1.7	1.3	1.2	.2						4.6	8.7
NW	.2	1.8	2.4	2.2	.1	.1					6.8	9.3
NNW		.8	2.8	1.5	.2	.1					5.4	9.8
VARIABLE												
CALM	////////////////////										2.0	////
TOTALS	3.9	28.7	36.8	23.8	4.4	.4					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	3.7	1.7	1.4							7.5	6.9
NNE	.8	2.8	.4	.5		.1					4.6	6.2
NE	.1	1.2	.8	.3							2.4	7.3
ENE	.4	2.0	1.9	.3		.1					4.8	6.8
E	.6	3.4	1.9	.3							6.3	6.1
ESE	.9	2.9	2.0	.5	.1						6.5	6.5
SE	.5	3.0	3.5	2.4	.2						9.7	8.3
SSE	.1	1.4	4.1	6.6	.5						12.7	11.1
S	.8	4.0	5.2	3.2	.2						13.3	8.3
SSW	.1	1.7	1.0	.2		.1					3.1	6.9
SW	.3	1.3	1.1	.2							2.9	6.5
WSW	.1	1.1	.5	.1							1.8	6.2
W	.6	2.4	.6	.9	.2						4.7	7.4
WNW	.5	1.6	.6	.6	.2	.1					3.8	7.8
NW	.3	2.0	1.8	.1							4.3	6.5
NNW	.5	1.7	1.9	.9							5.1	7.5
VARIABLE												
CALM	////////////////////										6.5	////
TOTALS	7.5	36.2	29.2	18.6	1.5	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.8	3.3	2.3	.1	.0					9.3	8.3
NNE	.4	1.8	1.5	.5	.1	.0					4.2	7.1
NE	.3	1.6	1.2	.2	.0						3.3	6.5
ENE	.4	1.7	1.2	.2		.0					3.6	6.4
E	.2	1.8	1.6	.4	.0						4.0	6.9
ESE	.4	1.5	1.9	.5	.0						4.3	7.1
SE	.2	1.3	2.6	2.8	.3						7.2	9.8
SSE	.3	1.9	4.0	6.7	1.3	.2	.0				14.4	11.4
S	.5	3.4	5.1	4.3	.7	.1					14.0	9.5
SSW	.3	1.2	1.1	.6	.1	.0					3.4	7.8
SW	.2	1.3	1.2	.4	.1						3.1	7.6
WSW	.2	1.0	.8	.4	.1	.0					2.5	7.5
W	.3	1.7	1.3	1.0	.3	.0		.0	.0		4.7	8.8
WNW	.2	1.5	1.4	1.2	.2	.0	.0				4.5	8.9
NW	.3	1.8	2.1	1.5	.4	.7					6.2	9.0
NNW	.3	1.9	2.5	1.8	.5	.0					6.9	9.2
VARIABLE												
CALM	////////////////////										4.2	////
TOTALS	5.4	28.1	32.8	24.8	4.1	.5	.0	.0	.0		100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	3.1	2.6	1.5							7.4	7.5
NNE	.4	1.6	.5	.1	.1						2.8	6.0
NE	.1	1.2	.4	.1	.1						1.9	6.8
ENE	.3	2.7	.4								3.4	5.0
E	.6	3.3	.6	.4							5.1	5.9
ESE	.5	2.7	1.2	.6							5.1	6.4
SE	.4	.9	2.6	2.0	.1		.1				6.1	9.8
SSE	.4	2.2	6.7	7.3	1.2						17.7	10.5
S	.6	5.9	5.3	3.2	.2						15.3	7.9
SSW	.1	1.5	.3	.5	.1						2.6	7.4
SW	.2	1.3	.6								2.2	5.8
WSW	.5	.8	.8	.1	.2	.1					2.5	8.5
W	.3	1.8	1.6	.2		.1					4.1	6.9
WNW	1.1	1.0	1.1	1.0							4.1	6.9
NW	.3	3.1	1.2	.4		.1					5.2	6.6
NNW	.3	2.5	1.7	.9	.1						5.5	7.5
VARIABLE												
CALM	////////////////////										9.1	////
TOTALS	6.7	35.5	27.6	19.5	2.2	.3	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	3.7	2.4	1.3	.3							8.5	7.5
NNE	.5	1.6	.8									2.9	5.7
NE	.6	1.1	.4	.1								2.3	5.1
ENE	.9	2.2	.5									3.5	4.8
E	.2	2.2	.6	.1								3.1	5.4
ESE	.4	2.4	1.7	.3								4.9	6.8
SE	.4	1.9	3.3	2.6								8.3	8.9
SSE	.3	1.9	6.6	6.3	.3	.1						15.6	10.4
S	.9	4.7	5.5	2.0								13.1	7.5
SSW	.6	2.5	.4									3.5	5.0
SW	.2	.9	.9	.1		.1						2.2	7.6
WSW	.4	.9	.6	.4								2.4	6.8
W	.6	1.7	2.6		.2	.1						5.3	7.4
WNW	.6	1.4	1.1	.2								3.3	6.2
NW	.2	2.0	1.8	.2								4.3	6.6
NNW	.3	3.4	2.5	.8								7.0	7.0
VARIABLE													
CALM	////////////////////											9.9	////
TOTALS	8.3	34.4	31.7	14.5	.9	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	3.7	4.1	1.8								10.1	7.6
NNE	.3	1.0	1.1	.2								2.6	7.0
NE	.2	1.1	.9									2.2	5.9
ENE	.4	1.9	.5	.6								3.5	6.7
E	.6	1.8	1.1	.5								4.1	6.3
ESE	.8	2.2	1.2	.3								4.4	5.9
SE	.1	2.3	3.2	2.0	.3							8.0	8.9
SSE	.4	2.8	6.7	7.2	.5	.1	.1					17.8	10.3
S	.9	3.8	4.3	3.2		.1						12.3	8.2
SSW	.3	1.1	.8	.1								2.3	6.0
SW	.4	1.0	.5	.3								2.3	6.5
WSW	.8	.6	.9	.2								2.6	5.9
W	.6	1.9	1.6	1.4	.3							5.9	8.1
WNW	.1	1.5	1.0	.5	.2							3.3	7.9
W	.3	2.3	2.6	.9	.2							6.2	7.7
NNW	.5	1.4	2.3	1.1								5.3	8.0
VARIABLE													
CALM	////////////////////											7.2	////
TOTALS	7.4	30.3	32.6	20.5	1.6	.2	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LOCAL): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.8	4.3	2.9	.8						10.1	9.9
NNE	.4	1.6	1.6	1.0							4.6	7.6
NE	.6	1.1	.8	.2							2.7	6.1
ENE	.2	1.1	1.5	.4							3.2	7.6
E	.2	1.2	1.0	.3	.1						2.8	7.1
ESE	.2	.9	1.5	.5							3.1	7.6
SE	.2	2.2	2.6	3.0	.3						9.3	9.6
SSE	.2	1.3	4.5	7.6	1.3	.4					15.4	11.7
S	.6	2.3	6.2	5.8	.2	.1					15.3	9.7
SSW	.2	.9	1.1	.8							2.9	8.1
SW	.3	.8	.9	1.1	.2						3.2	9.2
WSW	.7	1.2	1.3	.4	.1						3.2	7.7
W	.1	1.2	.8	1.0	.8	.7					4.1	11.5
WNW	.1	1.0	1.3	1.1	.5						4.0	10.5
NW	.4	.6	2.6	2.2	.9						6.7	10.6
NNW	.4	1.3	2.9	3.1	.6						8.4	10.0
VARIABLE												
CALM	////////////////////										2.0	////
TOTALS	4.9	20.7	34.7	31.4	5.8	.9					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.9	4.2	3.8	.5						10.5	10.2
NNE	.1	1.0	2.5	.5							4.1	8.3
NE	.5	.5	2.7	.2							4.0	7.6
ENE	.1	1.4	1.2	.4	.1						3.2	7.6
E	.3	1.6	2.0	.5	.2						4.7	7.6
ESE		1.3	1.1	1.0							3.3	8.5
SE	.1	.9	2.3	2.5	.3						6.0	10.2
SSE		1.2	4.4	5.9	1.6	.1					13.2	12.0
S	.3	1.6	3.2	5.8	2.3	.1					13.3	11.8
SSW	.4	.3	1.5	.9	.4						3.5	9.7
SW	.1	1.0	1.3	.8	.4						3.5	9.3
WSW		1.0	1.4	1.0							3.3	8.9
W	.1	1.2	1.5	1.2	.2	.2					4.4	10.0
WNW	.1	1.0	1.5	2.6	1.1	.2					6.5	12.1
NW	.1	.6	1.6	3.2	1.0						6.6	12.0
NNW	.1	.8	2.0	4.4	1.2	.1					8.6	12.1
VARIABLE												
CALM	////////////////////										1.1	////
TOTALS	2.6	17.2	34.4	34.6	9.4	.9					100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.6	4.1	5.1	.6						11.7	10.6
NNE		1.3	1.4	.5	.1						3.3	7.9
NE	.1	2.0	2.0	.5							4.7	7.2
ENE	.2	1.7	.5	.5							3.0	6.6
E	.3	1.9	1.7	.5	.3						4.8	7.9
ESE	.3	1.2	1.4	.6							3.5	7.4
SE	.1	1.4	2.6	2.4	.3						6.8	9.9
SSE	.3	1.7	3.1	7.4	1.7	.1					14.4	11.7
S	.1	1.1	2.9	5.4	1.5	.3	.1				11.4	12.2
SSW		.5	1.2	1.1	.1						2.9	9.6
SW		.5	1.4	.4	.5						2.9	10.6
WSW	.2	.6	.9	.8	.3						2.8	9.8
W	.2	.3	.8	2.3	.2						3.8	11.1
WNW		.4	1.8	2.0	1.1	.1					5.5	12.3
NW	.2	1.4	1.8	3.8	1.0	.1					8.3	11.5
NNW		1.0	2.4	4.6	.6	.5					9.1	12.0
VARIABLE												
CALM	////////////////////										1.0	////
TOTALS	2.5	18.8	32.0	30.0	8.5	1.2	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.5	3.4	4.0	3.2	.5							11.7	9.0
NNE	.4	2.2	2.2	.4								5.2	6.7
NE	.8	4.1	1.7	.2								6.8	5.8
ENE	.2	2.9	.4	.1								3.7	5.3
E	.4	3.1	2.0	1.2	.2							7.0	7.6
ESE	.4	2.3	2.0	.4								5.2	6.6
SE	.1	1.7	3.9	3.1	.1							8.9	9.5
SSE	.2	1.2	3.8	6.6	2.0	.1						13.9	11.9
S	.3	2.2	2.7	3.9	.2	.1						9.4	9.6
SSW		1.2	.8	.5	.2							2.7	8.6
SW		.4	.5	.1	.2							1.3	9.7
WSW		.8	.3	.3	.2							1.6	9.7
W	.3	.9	.8	.5	.1							2.6	7.9
WNW	.2	1.6	1.6	.6	.1							4.2	7.8
NW		1.2	2.4	2.9	.5							7.0	10.6
NNW	.4	1.1	2.9	2.0	.3	.1						6.9	9.6
VARIABLE													
CALM	////////////////////////////////////											2.2	////
TOTALS	4.4	30.1	31.9	26.2	4.8	.7						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.8	1.8	1.5	.1						6.9	7.7
NNE	1.1	2.0	1.3	.1							4.5	5.5
NE	.8	2.3	1.4	.2							4.6	5.7
ENE	1.1	3.4	.8	.1							5.4	5.3
E	1.3	3.5	2.2	.4	.1	.1					7.6	6.5
ESE	.5	2.4	1.6	.1							4.6	6.2
SE	.2	2.0	4.5	2.8	.4	.1					10.1	9.5
SSE	.3	1.4	5.2	7.8	2.2						16.9	11.6
S	.3	4.3	4.2	2.7	.2						11.7	8.3
SSW	.1	.8	.1	.1							1.1	5.5
SW	.2	1.2	.3	.2		.1					2.0	7.3
WSW		1.1	.4			.2					1.7	8.1
W	.2	2.0	1.0		.1						3.3	6.3
WNW	.4	1.9	1.2								3.5	6.0
NW	.4	1.6	1.9	.5							4.5	7.3
NNW	.2	1.3	1.7	1.4	.1						4.7	8.8
VARIABLE												
CALM	////////////////////////////////////										6.7	////
TOTALS	7.8	34.1	29.6	18.1	3.2	.5					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM POLARLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	2.8	3.4	2.6	.4							9.6	8.9
NNE	.4	1.5	1.4	.4	.0							3.7	6.9
NE	.5	1.7	1.3	.2	.0							3.6	6.3
ENE	.4	2.2	.7	.3	.0							3.6	6.0
E	.5	2.3	1.4	.5	.1	.0						4.9	6.8
ESE	.4	1.9	1.5	.5								4.3	6.8
SE	.2	1.7	3.1	2.6	.2	.0	.0					7.8	9.5
SSE	.3	1.7	5.1	7.0	1.4	.1	.0					15.6	11.2
S	.5	3.2	4.3	4.0	.6	.1	.0					12.7	9.3
SSW	.2	1.1	.8	.5	.1							2.7	7.7
SW	.2	.9	.8	.4	.2	.0						2.4	8.4
WSW	.3	.9	.8	.4	.1	.0						2.5	8.1
W	.3	1.4	1.3	.8	.2	.1						4.2	8.6
WNW	.3	1.2	1.3	1.0	.4	.0						4.3	9.2
NW	.3	1.6	2.0	1.8	.4	.1						6.1	9.5
NNW	.3	1.6	2.3	2.3	.4	.1						6.9	9.7
VARIABLE													
CALM	////////////////////											4.9	////
TOTALS	5.6	27.6	31.6	25.2	4.5	.6	.0					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY

OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.9	3.6	2.0	.3						8.0	9.2
NNE	.1	.9	1.2	.3							2.6	7.3
NE	.2	1.8	1.1	.2							3.3	6.6
ENE	.2	1.7	1.0								2.9	5.7
E	.4	1.3	1.1	.7		.1					3.7	7.9
ESE	.2	1.7	1.7	.4	.1						4.1	7.5
SE	.3	1.8	2.1	3.1	.6						7.9	9.9
SSE	.4	1.6	3.8	7.3	1.6						14.7	11.5
S	.9	3.7	5.3	1.6	.6						12.0	7.9
SSW	.1	1.4	1.2								2.8	6.0
SW	.3	1.8	.3	.1							2.6	5.0
WSW	.4	1.8	1.7	.6							4.4	7.2
W	.8	1.8	1.2	.4	.1	.2					4.6	7.5
WNW	.4	1.4	2.2	1.1		.2	.1				5.6	9.1
NW	.4	1.7	2.4	1.6	.1						6.2	8.3
NNW	.4	1.3	1.8	1.6	.1						5.4	8.9
VARIABLE												
CALM	////////////////////										9.3	////
TOTALS	6.1	27.4	31.8	21.2	3.4	.6	.1				103.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(UT): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.9	3.0	2.8	.2						8.6	9.0
NNE	.3	.9	.8	.6							2.4	7.8
NE	.2	1.6	1.4	.3							3.6	6.7
ENE	.6	1.0	.9								2.4	5.6
E	.1	1.9	1.1	.1							3.2	6.2
ESE	.3	1.2	1.4	.9	.1						4.0	7.9
SE	.2	1.2	2.1	2.4	.3	.1					6.4	10.4
SSE	.1	.7	5.2	7.8	1.2						15.0	11.7
S	1.1	6.6	4.2	1.6							13.4	6.8
SSW	.3	2.0	1.2	.1	.1						3.8	6.3
SW	.3	1.6	1.3	.1							3.3	5.8
WSW	.3	.9	1.9	.6	.1						3.8	8.0
W	.3	1.7	2.3	.6		.1					5.0	7.8
WNW	.3	1.3	1.8	.8	.1	.3					4.7	9.0
NW	.2	2.1	2.2	.7			.1				5.3	7.7
NNW	.3	1.8	2.9	1.8							6.8	8.2
VARIABLE												
CALM	////////////////////										8.2	////
TOTALS	5.9	28.1	33.9	21.0	2.2	.6	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.4	3.9	2.6	.7						10.2	6.9
NNE	.2	.7	1.4	.2							2.6	7.5
NE	.2	.9	1.7	.3							3.0	7.9
ENE	.2	1.4	1.4								3.1	6.8
E	.4	.9	.7								2.0	5.7
ESE		1.4	1.4	.9							3.8	8.0
SE	.6	.9	3.1	3.0	.3						7.9	9.8
SSE	.8	1.2	4.7	7.9	.9						15.4	11.0
S	.7	4.0	5.0	2.1	.3						12.9	7.6
SSW	.8	1.1	1.3	.1							3.3	5.7
SW	.4	1.1	1.2	.8							3.6	7.6
WSW	.3	1.7	1.2	.7	.1						4.0	7.6
W	.4	2.0	1.9	1.4	.1						5.9	8.2
WNW	.3	.8	1.1	1.3	.2	.2					4.0	10.4
NW	.6	1.0	2.9	1.9	.1	.2					6.7	9.3
NNW	.2	1.4	2.2	2.7							6.7	8.8
VARIABLE												
CALM	////////////////////											5.0
TOTALS	7.0	23.7	35.2	25.9	2.8	.4					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.9	3.6	4.3	1.0						11.4	10.4
NNE	.3	1.1	.9	.9							3.2	8.0
NE		.2	2.2	.1							2.6	8.3
ENE	.2	.8	1.9	1.1							4.0	8.8
E	.3	.6	1.3	.6	.1						2.9	8.3
ESE	.1	1.0	1.0	.6	.1						2.8	8.0
SE	.3	1.1	3.7	2.7	.4	.3					8.6	10.8
SSE	.4	1.2	3.9	6.1	1.6	.2					13.4	11.9
S	.3	1.8	4.1	5.8	1.3						13.3	10.8
SSW	.4	.2	1.7	1.4	.1						3.9	9.7
SW	.1	.4	1.9	.8							3.2	9.5
WSW	.2	.6	.8	.6	.1	.3					2.6	10.9
W	.3	.7	1.7	1.3	.7	.2					4.9	11.1
WNW	.1	.9	1.8	1.7	1.1	.2	.1				5.9	12.2
NW	.2	1.3	2.4	2.8	.6	.2	.1				7.7	10.9
NNW	.2	1.3	3.6	2.9	.6	.1					8.7	10.3
VARIABLE												
CALM	////////////////////										1.0	////
TOTALS	4.4	15.1	36.3	33.6	7.7	1.7	.2				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.7	2.2	4.4	.8	.1					9.0	11.4
NNE	.1	.6	1.6	1.2							3.4	9.1
NE	.1	1.3	1.6	.7							3.7	8.0
ENE	.2	1.2	1.7	.8	.1						4.0	7.9
E	.1	.6	1.3	1.0							3.0	9.7
ESE		.9	2.1	.4	.2						3.7	9.1
SE	.1	.7	1.9	2.3	1.0	.1					6.1	11.9
SSE	.2	.1	1.6	6.7	1.9	.9					11.3	14.1
S	.3	.7	2.8	4.8	2.2	.7	.1				11.6	13.3
SSW	.1	.8	1.3	1.1	.6						3.9	10.5
SW	.3	.7	1.4	2.1	.1						4.7	9.7
WSW	.1	.4	1.2	.8	.1						2.7	9.7
W	.3	.7	2.1	3.0	1.3	.3	.1				7.9	12.4
WNW	.1	1.0	2.1	1.9	1.3	.1					6.6	11.6
NW	.1	1.3	2.8	3.0	.6	.2	.1				8.1	11.4
NNW		1.1	1.9	5.4	1.2	.2					9.9	12.1
VARIABLE												
CALM	////////////////////										.6	////
TOTALS	2.4	13.3	29.6	35.7	11.4	2.7	.3				100.0	11.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.0	3.9	4.4	.8						11.2	10.3
NNE	.1	1.2	2.0	.8							4.1	8.4
NE	.2	1.3	2.4	.9		.1					5.0	8.5
ENE		1.0	1.3	.3	.1						2.8	8.3
E	.3	.7	1.3	1.1	.3						3.8	9.3
ESE	.1	1.2	1.7	.6	.1						3.7	7.9
SE		.9	2.3	2.8	.8	.2					7.0	11.9
SSE	.2	.9	1.7	4.4	1.3	.4					9.0	12.9
S	.4	1.3	2.4	5.4	2.4	.8	.2				13.1	13.4
SSW		.4	1.0	1.2	.4						3.1	11.6
SW	.1	.7	1.0	.4	.2						2.4	9.5
WSW	.1	1.0	1.2	.4	.3	.1					3.2	9.3
W	.1	.7	2.4	3.1	.4	.1					6.9	11.6
WNW	.1	.7	1.7	2.4	1.1	.1					6.1	12.2
NW	.3	.9	3.4	3.6	1.1	.1					9.4	11.1
NNW	.1	.6	2.4	3.4	1.4	.2					8.2	12.6
VARIABLE												
CALM	////////////////////										.9	////
TOTALS	2.4	15.4	32.3	35.4	11.0	2.2	.2				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	3.4	3.2	2.1	.7	.1						10.9	8.1
NNE	.6	1.7	3.1	.7								6.3	7.3
NE	.3	3.4	2.2	.3								6.3	6.4
ENE	.4	2.1	1.3	.1	.1	.2						4.3	7.5
E	.4	2.7	1.2	.8	.1							5.2	7.1
ESE	.4	1.9	2.2	.8	.2							5.6	7.9
SE	.3	1.6	3.1	3.4	.2							8.7	9.9
SSE	.2	1.1	2.7	4.7	.7	.1						9.4	11.2
S	.2	2.4	3.6	2.9	.3	.1						9.6	9.4
SSW	.6	1.1	.4	.3								2.4	6.3
SW	.2	1.1	.6									1.9	5.6
WSW	.2	1.0	1.1	.1								2.4	6.5
W	.6	2.7	1.2	1.0	.4							5.9	7.8
WNW	.1	1.0	1.7	1.6	.3		.2					4.9	10.8
NW	.1	1.7	3.2	2.2	.6							7.8	9.7
NNW	.1	1.1	1.3	1.1	1.7	.1						5.4	12.1
VARIABLE													
CALM	////////////////////											3.2	////
TOTALS	6.2	30.0	32.2	22.1	5.3	.7	.2					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.6	3.8	1.4	.3						8.7	8.2
NNE	.2	1.8	1.3	.8							4.1	7.5
NE	.8	1.7	2.0	.2							4.7	6.3
ENE	.6	2.1	1.3	.1							4.1	6.1
E	.6	2.9	1.4	.1	.1	.1					5.2	6.7
ESE	.6	1.6	1.2	1.0	.1						4.4	7.8
SE		2.7	2.7	4.0	.9						10.2	10.5
SSE	.1	1.2	3.1	5.4	1.2	.1					11.2	11.2
S	.9	2.9	4.3	2.7	.2	.1					11.1	8.7
SSW	.7	1.4	.4	.1							2.7	5.1
SW	.3	1.6	.1								2.0	4.7
WSW	.6	.9	1.3	.2							3.0	6.6
W	.7	2.6	2.1	.9							6.2	6.9
WNW		1.6	2.4	.1	.2	.1					4.7	8.8
NW	.2	1.4	2.1	1.1	.4	.1					5.4	9.4
NNW	.3	1.9	1.2	2.1	.4						6.0	5.7
VARIABLE												
CALM	////////////////////										6.2	////
TOTALS	7.0	30.7	31.0	20.3	4.0	.4					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.2	3.4	3.0	.6	.0					9.7	9.5
NNE	.2	1.1	1.5	.7							3.6	7.8
NE	.3	1.5	1.8	.4		.7					4.0	7.2
ENE	.3	1.4	1.4	.3	.0	.0					3.5	7.2
E	.3	1.4	1.2	.5	.1	.0					3.6	7.6
ESE	.2	1.4	1.6	.7	.1						4.0	8.0
SE	.2	1.3	2.6	3.0	.6	.1					7.8	10.6
SSE	.3	1.0	3.3	6.3	1.3	.2					12.4	11.9
S	.6	3.0	4.0	3.3	.9	.2	.7				12.1	9.7
SSW	.4	1.1	1.1	.6	.2						3.2	7.9
SW	.3	1.1	1.0	.5	.0						3.0	7.5
WSW	.3	1.0	1.3	.5	.1	.1					3.3	8.1
W	.4	1.6	1.9	1.5	.4	.1	.0				5.9	9.4
WNW	.2	1.1	1.8	1.4	.6	.7	.1				5.7	10.6
NW	.3	1.4	2.7	2.1	.4	.1	.0				7.1	9.9
NNW	.2	1.7	2.2	2.7	.7	.1					7.1	10.5
VARIABLE												
CPM	////////////////////										4.3	////
TOTALS	5.2	23.0	32.8	27.4	6.0	1.2	.2				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.9	1.5	2.6	1.3	.2	.2				7.2	12.3
NNE	.2	.2	.3	.2							1.0	7.1
NE	.2	1.1	.5	.6							2.5	7.6
ENE	.1	1.5	.8	.5	.1						3.0	7.6
E	.3	.6	1.4	.1							2.5	7.0
ESE		.8	.9	.2							1.8	8.1
SE	.2	.9	1.2	1.3	1.4	.3					5.3	12.4
SSE	.1	1.6	4.2	9.2	2.2	.6					16.9	12.7
S	.6	3.7	5.2	2.8	.2	.1					12.6	8.5
SSW	.4	1.8	1.7	.1	.1	.1					4.3	6.8
SW		1.0	1.2	.5	.1						3.9	7.6
WSW	.1	1.6	1.9	1.1	.1						4.8	8.3
W	.2	1.9	2.2	1.2	.1	.1					5.7	8.3
WNW	.2	1.0	2.4	1.0	.3						4.9	9.3
NW	.3	1.8	4.2	3.1	.4						9.9	9.5
NNW	.2	.9	2.6	2.5	1.5	.3	.1				9.1	12.3
VARIABLE												
CALM	////////////////////										5.9	////
TOTALS	3.9	22.3	32.0	26.0	7.9	1.9	.3				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0700-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.1	.6	1.5	2.9	.9	.9		6.8	13.2
NNE	.5	.1	.5	.3				1.5	7.1
NE	.1	1.0	.6	.5				2.3	7.5
ENE	.1	1.3	.8	.2		.1		2.5	7.2
E	.3	.5	1.0	.4				2.3	7.8
ESE	.3	.9	1.3	.4				2.9	7.2
SE	.1	1.4	1.1	1.7	1.3			5.6	11.2
SSE	.3	1.5	3.9	7.6	2.9	.5		16.8	12.6
S	.4	4.1	5.6	2.0	.4	.1		12.7	8.2
SSW	.3	2.0	1.1	.1	.1			3.7	6.5
SW	.2	2.4	1.3	.1				4.0	6.3
WSW	.6	1.3	1.3	1.0	.2			4.4	7.9
W	.4	2.4	2.5	1.9				7.2	8.3
WNW	.3	1.0	1.8	1.9	.1	.1		5.3	5.3
NW	.3	2.0	4.2	2.6				9.1	9.1
NNW	.3	1.2	1.6	2.7	1.7	.3		7.8	12.2
VARIABLE									
CALM	////////////////////							5.3	////
TOTALS	4.9	23.7	30.0	26.6	7.6	1.9		100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.4	1.1	2.6	.9	.4					6.5	11.9
NNE	.2	.5	1.1	.4	.1						2.4	8.4
NE	.1	.6	.8	.3							1.8	7.6
ENE	.2	.6	.4	.1							1.4	6.4
E	.5	.4	.5	.4							1.9	6.8
ESE	.2	1.2	.9	.4							2.7	7.2
SE	.2	.9	1.5	1.9	1.4	.1					6.0	12.3
SSE	.2	1.9	4.3	7.5	3.0	.5					17.5	12.5
S	.5	4.2	6.0	3.0	.1	.3					14.2	9.4
SSW	.4	1.4	1.3	.2							3.3	6.2
SW		1.2	.8	.2							2.2	7.2
WSW	.4	2.2	1.0	.9	.1						4.5	7.4
W	.4	1.9	2.3	2.0	.1	.1	.1				7.0	9.3
WNW	.4	2.2	1.9	1.4	.2						6.2	8.3
NW	.4	1.3	5.2	2.7	.5						8.2	9.9
NNW	.2	1.8	1.5	3.0	1.6	.4					8.6	12.3
VARIABLE												
CALM	////////////////////										5.6	////
TOTALS	4.8	23.9	28.5	27.2	8.0	1.9	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	.6	3.1	2.9	2.6	.8						10.2	13.3
NNE		1.0	1.4	.8								3.1	8.3
NE	.1	.2	.4									.8	6.7
NNE			1.3	.5								1.8	10.1
E	.3	1.0	.6	.4								2.4	7.5
ESE	.2	.8	.8	.6								2.4	8.8
SE		1.5	1.6	1.2	1.3	.4						6.0	11.8
SSE	.3	1.2	2.2	6.0	3.2	1.5	.2					14.6	14.5
S	.1	1.4	5.2	6.2	1.6							14.5	11.4
SSW		.6	1.6	1.6	.2							4.1	10.4
SW	.1	1.0	1.2	.5								2.8	8.1
WSW	.1	.2	1.3	1.1								2.7	9.8
W		1.2	1.9	2.3		.1						5.5	10.0
WNW	.2	1.0	2.5	2.0	1.2	.3	.1					7.3	12.0
NW	.3	.5	3.0	2.8	1.7	1.1						9.5	13.1
NNW	.4	.8	2.4	4.1	2.6	.4						10.6	13.0
VARIABLE													
CALM	////////////////////											1.7	////
TOTALS	2.5	12.9	30.4	33.1	14.4	4.6	.3					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.5	1.6	4.3	1.9	.5					9.9	14.1
NNE	.2	.4	.4	1.5							2.6	10.5
NE		.4	1.3	.4							2.2	8.5
ENE		.3	.8	.6	.2						1.9	10.3
E	.1	.6	.6	.5	.1						2.0	8.8
ESE		.4	.5	.3							1.3	7.8
SF	.1	1.1	.6	1.1	.6	1.0	.1				4.6	13.7
SSE	.2	.5	2.0	6.5	3.1	1.7	.2				14.3	15.0
S		.5	4.4	5.7	2.5	.6					13.8	12.8
SSW		.5	1.2	1.9	.6						4.4	11.4
SW		.7	1.3	2.3	.4						4.3	11.7
WSW	.1	.8	1.7	1.0	.3						3.9	9.7
W	.2	.8	2.0	2.2	.8						5.9	10.6
WNW	.2	.4	1.5	2.3	1.5	.3					6.2	13.1
NW	.1	.6	2.8	5.1	2.3	1.2					12.0	14.0
NNW	.2	1.1	2.5	2.4	2.2	1.4					10.8	14.0
VARIABLE												
CALM	////////////////////											.9
TOTALS	1.5	9.6	25.4	30.0	16.6	6.8	.3				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	.4	2.2	4.6	1.9	.1	.3				9.9	13.5
NNE		.6	.8	1.2							2.6	9.7
NE		.3	1.1	.3							1.7	8.3
NNE	.1	.6	1.1	1.4							3.3	9.1
E		.4	.4	.4	.3						1.6	11.1
ESE	.1	.6	.5	.2							1.6	6.9
SE		.4	2.3	1.0	1.3	1.1					6.0	14.1
SSE		.8	3.1	5.9	2.4	1.1	.1				13.3	14.1
S	.2	1.0	4.1	3.2	1.4	.3					10.2	11.6
SSW	.1	.3	1.8	1.5	.3	.1					4.2	11.1
SW	.3	1.8	1.0	2.3							5.4	9.2
WSW		1.5	1.5	1.5	.1						4.6	9.2
W	.2	1.1	1.7	1.1	.6	.1					4.8	9.9
WNW	.2	.9	1.1	1.4	1.2	.6					5.4	13.3
NW	.2	1.4	3.7	3.7	2.8	.6					12.4	12.4
NNW	.1	.6	1.6	5.3	2.8	.8					11.3	14.2
VARIABLE												
CALM	////////////////////										1.6	////
TOTALS	1.9	13.2	27.8	34.9	15.2	4.9	.4				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.6	2.0	2.2	4.5	.8	.1	.1	.1				10.4	11.0
NNE	.5	2.4	.4	.6	.1							4.1	7.0
NE	.2	1.8	.4	.5								3.0	6.5
ENE	.4	.9	.8	.3	.1							2.5	7.0
E	.1	1.3	.4	.3	.1							2.3	7.0
ESE	.1	1.5	1.0	.9	.2							3.7	8.6
SE	.3	1.4	3.0	3.2	.9	.7						9.1	10.7
SSE	.3	1.7	4.2	5.7	2.4	1.1						15.4	12.3
S	.4	2.9	5.7	2.6	.3	.1						12.0	8.8
SSW	.2	.9	1.3	.1	.1							2.6	7.2
SW	.2	1.1	.9	.3								2.5	7.2
WSW		1.4	1.3	.3	.3							3.3	8.6
W	.5	1.6	2.3	.4	.2							5.1	7.6
WNW	.3	1.3	1.8	1.4	.4							5.3	9.3
NW	.5	1.3	2.8	2.2	.8	.1						7.6	9.9
NNW	.1	1.1	1.9	1.5	1.3	.2	.1					8.3	12.1
VARIABLE													
CALM	////////////////////////////////////										2.9	////	
TOTALS	5.1	24.5	30.3	27.0	8.0	1.9	.2	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.2	2.2	3.5	.6	.2	.2				9.0	11.5
NNE	.2	.5	.9	.6		.1					2.4	9.4
NE	.4	1.0	1.1	.2							2.7	6.9
ENE	.1	1.3	1.1	.2							2.7	7.0
E	.3	.8	1.1	.2							2.4	6.9
ESE	.1	1.0	.8	.4							2.3	7.4
SE	.2	1.2	1.3	3.9	1.6	.1					8.3	12.3
SSE	.3	.8	4.2	8.5	1.8	.6	.1				16.3	12.6
S	.2	3.8	5.7	3.2	.9	.1					13.9	9.1
SSW	.2	1.6	1.6	.5	.1	.2					4.3	8.6
SW	.1	.6	.9	.1							1.7	6.8
WSW	.2	.6	1.8	.4	.1						3.2	8.2
W	.1	2.5	3.3	.9	.5						7.3	8.5
WNW	.5	1.2	.9	1.1	.2	.2					4.1	9.1
NW	.4	.3	2.8	2.5	.4	.4					6.9	11.1
NNW	.3	1.7	2.4	3.1	.3	.3	.3				8.5	11.3
VARIABLE												
CALM	////////////////////										4.1	////
TOTALS	4.0	21.0	31.8	29.5	6.7	2.4	.6				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.1	1.9	3.5	1.3	.4	.1	.0			8.6	12.6
NNE	.2	.7	.7	.7	.0	.0					2.4	8.5
NE	.1	.8	.8	.4							2.1	7.4
NNE	.1	.9	.9	.5	.1	.0					2.4	8.1
E	.3	.7	.8	.4	.1						2.2	7.8
ESE	.1	.9	.8	.4	.0						2.3	7.8
SE	.1	1.1	1.6	1.9	1.2	.4	.0				6.4	14.2
SSE	.2	1.2	3.5	7.0	2.6	1.0	.1				15.6	13.2
S	.3	2.7	5.2	3.6	.9	.2					13.0	9.9
SSW	.2	1.2	1.5	.8	.2	.1					3.9	6.7
SW	.1	1.3	1.0	.8	.1						3.3	8.3
WSW	.2	1.2	1.5	.9	.2						3.9	8.6
W	.3	1.7	2.3	1.5	.3	.1	.0				6.1	9.0
WNW	.3	1.1	1.7	1.6	.6	.0	.0				5.6	10.6
NW	.3	1.2	3.3	3.1	1.1	.4					9.4	11.3
NNW	.2	1.2	2.1	3.5	1.7	.5	.1				9.2	12.8
VARIABLE												
CALM	////////////////////										3.5	////
TOTALS	3.6	18.9	29.5	30.4	10.5	3.3	.3	.0			100.0	10.5

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(1511): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.4	2.9	2.1	1.0	.2	.2				9.6	10.0
NNE	.3	1.7	.9	.6	.1						2.9	7.8
NE	.3	1.4	2.0	.3							4.1	7.3
ENE	.2	1.6	.6	.4							3.0	6.9
E		1.0	.8	.2	.1						2.1	7.6
ESE	.2	.9	1.2	.2							2.6	6.9
SE	.2	1.0	1.1	2.2	.2	.1					4.9	10.6
SSE	.2	1.4	3.2	6.7	1.6	.2					13.3	12.0
S	.8	3.5	6.2	2.9	.8						14.6	8.6
SSW		2.2	2.2	.3							4.6	6.7
SW	.2	2.0	1.3	.2							3.8	6.4
WSW		.9	1.0	.4							2.3	7.5
W	.4	1.6	1.6	.6	.1						4.6	7.5
WNW		1.3	1.3	1.6	.7	.6	.2				5.9	12.9
NW	.1	2.0	2.4	3.2	1.7	.2					9.7	11.5
NNW		.9	1.6	2.2	1.2	.6	.6	.1			7.1	14.8
VARIABLE												
CALM	////////////////////										4.9	////
TOTALS	3.8	25.9	30.6	24.4	7.4	1.0	1.0	.1			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	2.0	2.3	2.1	.9		.3					8.1	10.6
NNE	.1	.8	1.8	.9	.1							3.7	9.9
NE	.4	2.2	1.8	.3								4.8	8.4
ENE	.6	1.7	.6	.1	.1							3.0	6.1
E		1.0	.1	.3								1.4	7.5
ESE	.2	.6	.4	.2								1.4	6.8
SE	.2	.7	1.1	2.9	.6							5.4	11.3
SSE	.1	2.6	3.3	5.0	1.7	.4						13.1	11.4
S	.4	4.0	6.6	3.9	.2	.1						15.2	8.7
SSW	.7	2.7	1.2	.4								4.2	7.1
SW	.6	.6	.4									1.6	5.5
WSW	.2	2.2	1.2	.1								3.9	6.1
W	.7	2.3	2.2	1.6	.2							7.0	7.8
WNW	.2	.7	1.7	2.2	.3	.3						5.4	11.0
NW	.2	1.1	2.1	3.0	1.3	.8						8.6	12.5
NNW	.2	.8	2.2	2.6	1.0	.3	.2	.1				7.4	12.8
VARIABLE													
CALM	////////////////////											5.8	////
TOTALS	4.9	25.4	29.1	25.7	6.4	2.7	.6	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.1	3.1	1.4	1.4	.2	.3				9.1	10.4
NNE	.1	.9	1.4	1.1	.2						3.8	9.6
NE	.2	1.3	1.1	.4							3.1	6.8
ENE	.3	1.4	.4								2.2	5.5
E	.1	1.1	.8	.4							2.4	7.4
ESE		.6	.2	.3							1.1	6.2
SE	.1	1.0	1.3	2.1	.7						5.2	10.7
SSE		2.0	3.9	6.1	1.6	.3					13.9	11.8
S	.8	5.2	5.1	4.1		.1					15.3	8.4
SSW	.1	1.8	1.6	.2			.1				3.4	7.3
SW	.2	1.1	.7	.6							2.6	7.4
WSW	.7	1.7	1.3	.2		.1					4.0	6.8
W	.3	1.2	2.2	1.1							4.9	6.0
NNW		1.8	2.6	1.9	.3	.4					7.0	10.0
NW	.2	1.9	1.4	3.3	1.6	.4					9.9	11.8
NNW	.1	1.8	2.1	2.7	.7	.3	.2				7.9	11.5
VARIABLE												
CALM	////////////////////										4.8	////
TOTALS	3.5	26.9	49.3	26.1	6.4	2.0	.7				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.7	3.4	3.3	1.8	.2	.1	.2			10.8	12.2
NNE	.1	.7	.9	1.1	.1	.1					3.7	9.8
NE		.8	1.0	.4	.1						2.3	8.9
ENE	.1	.7	1.6	.3							2.3	8.0
E	.1	.6	.9	.4	.1						2.1	8.2
ESE	.1	.3	.4	.6							1.4	9.2
SE	.1	.9	1.9	1.7	.8	.1					5.4	10.6
SSE	.2	1.7	3.1	6.0	1.9	.4					13.3	12.2
S	.1	1.9	5.4	6.7	1.0	.4					15.6	11.1
SSW	.2	.9	1.6	.8							3.4	8.3
SW	.2	.8	1.1	.4							2.5	7.3
WSW	.1	.8	.6	1.1	.1						2.7	9.6
W	.1	.7	2.6	1.8	.4	.1					5.7	10.4
WNW	.1	.9	2.8	2.3	1.1	.3					7.4	11.8
NW		.8	2.1	4.7	1.8	.6					9.9	13.5
NNW	.1	1.2	3.4	2.7	.9	.6					8.9	11.3
VARIABLE												
CALM	////////////////////										3.1	////
TOTALS	2.1	14.7	32.8	34.3	10.1	2.9	.1	.2			100.0	10.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-60		
N		.6	3.3	3.8	1.9	.8	.1	.2				10.7	17.9
NNE		.7	.8	1.2	.9							3.1	11.4
NE		.4	2.1	1.1								3.7	9.4
ENE	.1	.7	.7	.8								1.9	9.8
E		.8	.7	.2								1.7	7.8
ESE		.3	.2	.8								1.3	10.3
SE	.2	.7	1.1	2.1	.2							5.9	11.3
SSE	.1	.7	2.8	6.2	2.6	.8	.1					13.2	13.8
S	.3	.7	5.3	5.3	1.1							12.8	11.2
SSW		.8	1.1	2.1	.2							4.2	10.7
SW	.2	.9	1.6	.8	.2							3.9	8.8
WSW	.1	.9	1.3	.8								3.1	8.6
W	.7	1.0	1.7	3.6	.4	.1						7.3	10.9
WNW		1.1	1.0	3.6	.8	.6	.1					7.1	12.9
NW	.1	1.2	2.0	4.7	2.9	.7						11.6	13.5
NNW		.1	2.3	3.9	1.8	.2	.2					5.8	12.9
VARIABLE													
CALM	////////////////////											1.3	////
TOTALS	1.4	11.7	28.2	40.9	12.6	3.1	.6	.2				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	1.3	3.3	4.4	1.9	1.1		.7				13.0	13.1
NNE	.1	1.0	1.4	1.4	.1	.1						4.2	10.0
NE	.1	.3	2.1	.8								3.3	8.9
ENE	.1	1.0	1.0	.1	.2							2.4	8.2
E	.1	.7	.4	.3								1.6	7.5
ESE	.1	.7	.4	.4								1.3	8.7
SE	.1	.8	1.8	2.2	.2							5.1	10.3
SSE	.2	.4	3.2	5.7	1.6	1.2						12.4	13.1
S	.2	2.4	4.6	3.2	.7	.3						11.4	10.0
SSW		1.6	1.8	1.7	.2							5.2	9.1
SW		1.4	.8	.2								2.4	6.9
WSW	.1	.9	1.4	.6								3.0	7.7
W	.1	1.0	2.6	1.1	.6	.3						5.7	10.4
WNW	.1	1.3	2.4	1.8	1.0		.2					6.9	11.4
NW	.1	1.1	2.6	5.4	1.1	.4		.2				11.7	12.8
NNW	.1	1.1	1.8	4.0	1.3	.7	.1					8.7	12.7
VARIABLE													
CALM	////////////////////											2.2	////
TOTALS	2.2	17.1	31.7	33.4	8.9	3.6	.3	.6				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): 1800-2400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.6	3.6	3.6	1.7	.7	.4	.1			11.7	12.5
NNE	.2	2.1	1.6	1.1	.1						5.1	7.7
NE	.1	1.3	2.2	.2							3.9	7.3
ENE	.3	1.6	.6	.3	.2	.1					3.1	6.0
E	.2	1.6	.3	.2							2.3	6.2
ESE	.6	1.1	.6	.7							2.9	7.0
SE	.2	1.0	2.2	1.6	.3	.1					5.4	10.1
SSE		1.1	3.6	4.7	2.4	.4					12.2	12.8
S	.2	3.7	4.8	2.8	.9	.1					12.4	9.4
SSW	.2	1.0	2.2	.2							3.7	7.2
SW	.7	1.9	1.8	.1							4.4	6.1
WSW	.7	1.1	1.4	.6							3.8	6.7
W	.4	2.1	2.2	1.1	.2	.7					6.3	8.5
WNW	.1	1.2	2.6	1.8	.6	.7					6.4	10.6
NW	.3	1.0	1.3	2.6	.9	.2	.1	.3			6.8	13.2
NNW	.1	.8	2.0	2.4	.7	.7		.1			6.3	12.1
VARIABLE												
CALM	////////////////////////////////////										3.1	////
TOTALS	4.7	24.1	33.1	23.9	8.7	2.7	.6	.6			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.1	4.4	1.8	1.0	1.0	.2				11.0	11.0
NNE	.3	1.4	2.6	1.2	.2						5.8	8.6
NE	.1	1.6	1.4	.3							3.4	7.1
ENE	.3	1.0	1.2	.2							2.8	7.1
E	.1	.7	1.3	.1	.1						2.3	9.0
ESE	.3	.2	.7								1.9	5.8
SE	.1	1.2	2.7	2.9	.3						7.2	10.3
SSE		1.4	2.8	5.7	1.7	.3	.1				12.0	12.5
S	.7	4.1	4.4	4.3	.7						14.2	9.2
SSW	.7	1.6	2.6	.8							5.8	6.9
SW		1.1	1.8								2.9	7.0
WSW	.3	1.9	.9	.2							3.3	6.1
W	.4	2.3	2.2	.7	.1	.3					6.1	8.3
WNW	.1	.7	1.4	1.7	1.0						4.9	11.8
NW		1.1	1.6	2.6	1.0	.3	.1	.2			6.9	13.5
NNW		.9	1.0	2.2	1.0	.1	.6				5.8	13.9
VARIABLE												
CALM	////////////////////										3.9	////
TOTALS	4.0	24.1	32.0	24.7	7.1	2.1	1.0	.2			100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727533 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.7	3.3	2.8	1.4	.5	.2	.1			10.5	11.9
NNE	.2	1.1	1.4	1.1	.2	.3					3.9	9.1
NE	.2	1.2	1.7	.5	.0						3.6	7.6
NNE	.3	1.1	.8	.3	.1	.7					2.6	7.4
E	.1	.9	.7	.3	.0						2.0	7.5
ESE	.2	.6	.5	.4							1.7	7.6
SE	.2	.8	1.7	2.2	.4	.7					5.3	10.6
SSE	.1	1.5	3.2	5.7	1.9	.5	.0				12.9	12.4
S	.4	3.2	5.3	4.2	.7	.1					13.9	9.5
SSW	.2	1.5	1.8	.8	.1		.0				4.4	7.9
SW	.3	1.2	1.2	.3	.0						3.0	7.0
WSW	.3	1.3	1.2	.5	.0	.7					3.2	7.3
W	.3	1.6	2.2	1.4	.3	.1					5.9	9.0
WNW	.1	1.1	2.0	2.1	.7	.7	.1				6.4	11.5
NW	.1	1.3	1.9	3.7	1.5	.5	.0	.1			9.2	12.8
NNW	.1	1.1	2.1	2.8	1.1	.3	.2	.3			7.7	12.7
VARIABLE												
CALM	////////////////////										3.6	////
TOTALS	3.4	21.2	31.0	29.2	8.4	2.4	.6	.2			100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.4	1.8	2.8	7.0	1.8	.6						10.5	12.0
NNE	.6	.2	.8	.3								1.9	6.5
NE	.1	.3	.8									1.2	7.1
ENE	.3	.9	.3	.2								1.7	6.0
E	.2	.7	.3									1.4	5.4
ESE	.1	.5	.4	.3								1.4	7.5
SE	.1	1.0	1.0	1.6	.1							3.8	9.8
SSE	.3	.8	3.3	3.9	1.8	.4						10.5	12.4
S	.9	4.8	8.4	4.3	.4							18.8	8.6
SSW	.1	1.6	1.1	.4	.1							3.3	7.2
SW	.2	1.8	1.0	1.3	.2							4.5	8.4
WSW	.4	1.4	1.2	.5								3.5	6.9
W	.1	2.7	2.4	1.4	.4	.3	.1					7.4	9.3
WNW	.3	1.8	2.4	1.3		.2						6.0	8.5
NW	.2	1.2	2.7	5.3	1.6							9.0	11.8
NNW	.1	.8	2.0	3.5	.9	.5	.1					8.1	12.9
VARIABLE													
CALM	////////////////////////////////////										6.8	////	
TOTALS	4.6	22.5	30.8	25.5	7.4	2.3	.2					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0300-0500

DIRECTION (DOLUPES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.4	2.0	3.5	1.3	.3						8.9	11.7
NNE	.2	.8	1.0	.4	.1							2.5	8.1
NE	.2	.9	.5	.5								2.2	7.3
ENE		.6	.3	.2								1.2	7.3
E	.2	.3	.6									1.2	6.5
ESE	.2	.2	.9	.4								1.7	7.9
SE	.2	1.1	.9	1.4	.1							3.7	9.1
SSE	.2	1.4	3.3	3.9	2.2	.3						11.3	12.1
S	.3	5.7	6.6	4.2	.1							16.9	8.4
SSW	.2	1.7	1.9	.3								4.2	6.9
SW	.1	1.5	.6	.5	.1							2.9	7.6
WSW	.3	1.8	1.7	.8								4.6	7.3
W	.5	1.5	3.4	1.8	.1							7.4	6.5
WNW	.3	1.7	2.3	1.8	.5	.1						6.3	9.9
NW		1.6	2.5	2.7	1.5	.7						8.6	11.5
NNW	.2	1.2	2.3	3.5	1.1	.8	.2					9.2	12.7
VARIABLE													
CALM	////////////////////											7.2	////
TOTALS	3.7	23.0	30.9	26.1	7.1	1.8	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	1.6	2.5	4.6	1.9	.9	.1	.1			12.3	12.5
NNE		1.0	.5		.3	.1					1.9	9.2
NE	.3	.8	.5	.2							1.8	6.5
ENE		.1	.3	.3							.8	10.1
E	.1	.5	.5	.2							1.4	7.5
ESE	.1	1.0	.3	.1							1.5	5.8
SE		.6	1.4	1.5	.3						3.9	10.5
SSE	.1	1.7	3.0	3.5	2.2	.2					10.8	11.8
S	.3	3.5	7.2	4.3	.3						15.7	6.8
SSW	.1	2.3	2.0	.3							4.7	7.1
SW	.3	1.8	1.5	.5							4.2	7.2
WSW	.2	1.3	.9	.1							2.5	6.4
W	.6	1.2	4.0	.9							6.7	7.8
WNW	.1	.9	2.0	1.3	.1	.4					4.8	10.6
NW	.8	1.7	2.8	3.4	.6	.9					10.2	11.2
NNW	.3	.9	2.3	3.0	1.9	.3	.3	.1			9.1	13.3
VARIABLE												
CALM	////////////////////										7.7	////
TOTALS	4.1	20.9	31.8	24.4	7.7	2.7	.4	.2			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 0900-1100

WIND SPEED IN KNOTS													
DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN WIND
N	.2	1.7	3.0	3.7	1.4	.8	.1					10.4	12.7
NNE	.1	.6	.4	.2								1.4	7.2
NE	.2	.6	.8									1.6	6.3
ENE	.2	.8	.3	.2								1.5	6.1
E	.2	.6	.3	.1								1.3	6.4
ESE		.4	.4	.6								1.5	9.4
SE		.8	.8	1.1	.2							2.8	10.2
SSE	.2	1.9	1.7	4.6	2.4	1.0						11.8	12.9
S	.1	3.9	5.3	4.4	.9	.1						14.6	9.6
SSW	.1	1.2	2.4	1.0								4.6	8.3
SW	.5	1.7	1.6	.5								4.4	7.2
WSW	.3	.6	2.3	.5	.1							3.9	8.2
W	.5	2.2	3.1	1.9	.3							6.2	8.7
WNW	.4	.8	1.3	2.2	.6	.1						5.4	11.2
NW	.5	1.4	2.4	2.6	1.4	.2	.1					8.8	11.1
NNW	.1	1.3	2.4	4.3	1.6	1.4	.8					11.8	14.5
VARIABLE													
CALM	////////////////////////////////////											5.9	////
TOTALS	4.1	20.2	28.4	28.0	8.9	3.5	1.0					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.5	2.5	3.2	2.6	.9	.2				11.3	13.3
NNE	.1	.9	1.2	.2							2.4	7.3
NE	.1	.3	1.1	.1							1.6	7.5
ENE		.4	.4								.9	6.4
E		.6	.5	.5							1.7	8.4
ESE	.2	.4	.5	.5							1.7	6.1
SE	.1	.2	.8	.6	.5						2.3	11.5
SSE	.1	1.1	1.6	4.5	1.8	.9					10.0	13.5
S	.2	1.8	4.0	4.6	1.3	.9	.1				12.9	11.9
SSW	.2	1.0	2.0	1.0	.2						4.4	8.6
SW	.1	1.3	1.5	1.0							3.9	8.7
WSW	.4	1.0	2.0	1.2							4.6	8.4
W	.1	1.2	3.3	2.7	.4	.1					7.8	10.2
WNW	.4	1.0	1.7	3.6	1.7	.3					8.9	12.6
NW	.4	1.1	1.6	3.1	1.8	.5	.1				8.7	13.0
NNW	.1	.9	2.8	4.6	2.9	1.4	.1				12.8	14.3
VARIABLE												
CALM	////////////////////										4.1	////
TOTALS	3.1	14.6	27.6	31.7	13.3	4.9	.5				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(1ST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	3.1	2.0	3.3	1.8	1.4					11.9	12.3
NNE		.9	1.3	.4							2.6	7.5
NEL		.8									.8	4.9
ENE	.3	.8	.5								1.6	5.4
E	.2	.3	.9	.3							1.7	7.8
ESE	.3	.6	.3								1.3	5.5
SE	.1	.9	.5	.6	.3	.1	.1				2.7	11.0
SSE	.5	.9	2.4	3.5	2.0	1.2	.1				10.6	13.6
S	.2	2.8	5.5	3.8	.8	.3					13.3	10.1
SSW	.3	.6	1.8	.8							3.5	8.3
SW	.8	1.1	1.0	.5							3.3	6.7
WSW	.5	1.4	1.9	.9							4.7	7.4
W		1.4	3.0	1.0	.3	.2					5.9	9.7
WNW	.4	.8	3.0	2.9	1.1	.2					9.4	11.3
NW	.2	1.8	3.1	2.4	1.1	.7	.1				9.6	11.7
NNW	.3	6.7	3.3	4.0	1.8	1.9					12.7	13.3
VARIABLE												
CALM	////////////////////										5.3	////
TOTALS	4.5	19.4	30.6	24.4	9.2	6.2	.3				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.6	2.7	3.1	1.5	.9					11.2	11.3
NNE	.1	1.2	.3	.4							2.0	6.8
NE	.3	1.0	.2								1.5	5.3
ENE		1.1	.3								1.4	5.6
E		1.3	.9	.1							2.3	6.5
ESE	.2	1.0	.3	.1							1.6	5.6
SE	.2	1.1	.6	.8	.1	.1					2.9	9.1
SSE	.3	1.4	1.8	4.5	1.7	1.7	.3				11.1	13.4
S	.5	3.0	4.2	3.8	.9	.3					12.7	9.9
SSW	.1	1.4	2.3	.5	.2						4.5	8.3
SW	.5	1.6	1.3	1.4	.2						5.1	8.0
WSW	.6	1.7	1.2	.5	.2						4.3	7.1
W	.3	2.5	2.6	.3	.3	.1	.2				6.3	8.5
WNW	.2	1.7	2.6	1.6	.4						6.1	9.6
NW	.5	1.8	2.5	3.1	.8	.6					9.4	10.9
NNW	.4	1.9	1.4	2.0	1.7	1.5	.1				9.1	13.3
VARIABLE												
CALM	////////////////////										8.5	////
TOTALS	4.9	25.6	25.2	22.4	8.1	4.5	.6				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.7	2.4	3.0	1.3	1.7					9.1	12.7
NNE	.3	.8	.6	.2							1.9	6.7
NE	.3	.9	.2								1.4	5.2
ENE	.2	1.2									1.4	4.6
E		.8	.6	.2							1.6	7.2
ESE	.1	.9	.3	.2							1.5	6.4
SE	.1	1.1	1.4	1.1							3.7	8.1
SSE	.6	1.9	3.1	4.2	1.7	.4					12.0	11.6
S	.9	4.0	6.2	4.9	.5	.3					16.9	9.2
SSW	.1	1.3	1.7	.4	.4						4.0	8.7
SW	.2	1.2	1.8	.8	.1						4.1	9.0
WSW	.6	1.7	2.5	.4	.2						5.5	7.5
W	.4	2.6	2.3	.8	.5	.3					6.9	8.9
WNW	.1	2.0	2.2	1.8	.1						6.2	8.8
NW	.4	1.9	2.0	2.5	1.3	.1					8.3	10.8
NNW	.6	1.7	1.7	2.7	2.3	.5					9.1	12.6
VARIABLE												
CALM	////////////////////										6.3	////
TOTALS	5.4	24.7	29.1	23.2	8.5	2.7					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.8	2.5	3.4	1.7	.8	.1	.0			10.7	12.3
NNE	.2	.8	.8	.3	.1	.0					2.1	7.4
NE	.2	.7	.5	.1							1.5	6.4
ENE	.1	.7	.3	.1							1.3	6.2
E	.1	.7	.6	.2							1.6	7.0
ESE	.2	.6	.4	.3							1.5	7.1
SE	.1	.8	.9	1.1	.2	.0	.0				3.2	9.8
SSE	.3	1.4	2.5	4.1	2.0	.7	.1				11.0	12.6
S	.4	3.7	5.9	4.3	.6	.2	.0				15.2	9.4
SSW	.2	1.4	1.9	.6	.1						4.2	7.9
SW	.3	1.0	1.3	.8	.1						4.0	7.7
WSW	.4	1.4	1.7	.6	.1						4.2	7.5
W	.3	1.9	3.0	1.3	.3	.1	.0				7.1	8.9
WNW	.3	1.7	2.2	2.1	.6	.2					6.5	10.5
NW	.4	1.4	2.4	7.9	1.3	.4	.0				9.1	11.5
NNW	.3	1.2	2.3	7.5	1.8	1.1	.2	.0			10.3	13.4
VARIABLE												
CALP	////////////////////										6.5	////
TOTALS	4.3	21.4	29.3	25.7	8.8	3.6	.4	.0			100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.1	3.2	3.8	1.5	.6	.1	.0			11.7	11.6
NNE	.3	1.1	1.5	1.0	.1	.0					4.0	8.7
NE	.2	1.2	1.3	.5	.0	.0					3.3	7.6
NNE	.3	1.3	1.0	.4	.0	.0					3.0	7.2
E	.3	1.3	1.1	.4	.0	.0					3.2	7.2
ESE	.3	1.3	1.2	.5	.0	.0					3.3	7.4
SE	.2	1.2	2.2	2.3	.6	.1	.0				6.5	10.6
SSE	.2	1.3	3.2	5.3	1.8	.6	.0				12.5	17.4
S	.4	2.9	4.5	3.6	.8	.2	.0				12.5	5.8
SSW	.2	1.1	1.3	.6	.1	.0	.0				3.4	8.3
SW	.2	1.1	1.0	.5	.1	.0					2.9	7.8
WSW	.2	1.0	1.1	.5	.1	.0	.0				3.0	8.0
W	.3	1.5	1.7	1.2	.3	.1	.0	.0	.0		5.0	5.1
WNW	.2	1.1	1.5	1.4	.5	.1	.0	.0			5.0	10.4
NW	.3	1.2	2.2	2.3	.8	.3	.0	.0			7.2	11.1
NNW	.2	1.4	2.4	3.0	1.2	.5	.1	.0			9.0	12.1
VARIABLE												
CALM	////////////////////										4.6	////
TOTALS	4.3	22.2	30.4	27.4	8.1	2.6	.4	.1	.0		100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(1ST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL	MEAN
N	.3	1.9	4.0	7.3	4.8	2.4	.4	.0				21.1	14.4
NNE	.2	1.3	2.4	1.7	.4	.1						6.2	9.9
NE	.3	1.6	1.5	.6	.1	.0						4.1	7.7
NNE	.1	1.3	1.4	.7	.1	.0						3.7	8.5
E	.2	1.2	1.4	.8	.1							3.7	8.2
ESE	.2	1.0	1.2	.6	.0							3.0	7.9
SE	.1	.9	1.9	2.3	.5	.1	.0					5.9	11.0
SSE	.2	1.0	2.7	4.8	1.8	.7	.1					11.1	13.1
S	.2	1.6	2.8	2.0	.4	.1						7.1	9.6
SSW	.1	.5	.4	.2	.0	.0	.0					1.2	8.1
SW	.1	.4	.4	.1	.0	.0						1.1	7.8
WSW	.1	.4	.4	.4	.0	.0						1.4	8.7
W	.1	.6	.7	.6	.2	.0						2.4	15.0
WNW	.2	.6	.8	.7	.5	.2	.1	.0				3.1	12.0
NW	.2	.9	1.8	2.4	1.5	.5	.1	.0				7.3	13.0
NNW	.2	.9	2.8	1.3	3.2	1.7	.4	.1				14.6	14.9
VARIABLE													
CALM	////////////////////											2.9	////
TOTALS	2.9	16.1	26.7	37.6	15.4	6.7	1.7	.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS: 10085

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	OOOOOOOO
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTT	OOOOOOOO
PP PP	AA AA	RR RR	TT	OO OO
PP PP	AA AA	RR RR	TT	OO OO
PPPPPPPP	AA AA	RRRRRRRR	TT	OO OO
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	OO OO
PP	AAAAAAAAAA	RR RR	TT	OO OO
PP	AA AA	RR RR	TT	OO OO
PP	AA AA	RR RR	TT	OOOOOOOO
PP	AA AA	RR RR	TT	OOOOOOOO

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 10 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM FOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	4/10
OVERCAST	-	10/10
UNSCLEARED	-	10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE	GE	GF	GE	GE	GE	GE	GF	GE	GE	GE	GE	GF	GE	GF	GE	GE
		1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2
NO CEIL	1	47.0	49.2	50.0	50.1	50.3	50.4	50.4	50.5	50.5	50.9	50.9	50.9	51.0	51.0	51.1	51.2	
GE 20000	48.9	51.4	52.2	52.3	52.5	52.6	52.6	52.7	52.7	53.0	53.0	53.0	53.0	53.1	53.1	53.2	53.3	
GE 18000	48.9	51.4	52.2	52.3	52.5	52.6	52.6	52.7	52.7	53.0	53.0	53.0	53.0	53.1	53.1	53.2	53.3	
GE 16000	48.9	51.4	52.2	52.3	52.5	52.6	52.6	52.7	52.7	53.0	53.0	53.0	53.0	53.1	53.1	53.2	53.3	
GE 14000	49.5	51.9	52.7	52.8	53.0	53.1	53.1	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	53.8	53.9	
GE 12000	49.9	52.4	53.1	53.2	53.4	53.5	53.5	53.7	53.7	54.0	54.0	54.0	54.1	54.1	54.2	54.3		
GE 10000	52.6	55.1	55.8	55.9	56.1	56.2	56.2	56.3	56.3	56.7	56.7	56.7	56.7	56.8	56.8	56.9	57.0	
GE 9000	53.1	55.6	56.3	56.5	56.7	56.8	56.8	56.9	56.9	57.2	57.2	57.2	57.3	57.3	57.4	57.5		
GE 8000	54.4	56.9	57.6	57.7	58.0	58.1	58.1	58.2	58.2	58.5	58.5	58.5	58.6	58.6	58.7	58.8		
GE 7000	55.9	58.6	59.5	59.7	59.9	60.0	60.1	60.2	60.2	60.5	60.5	60.5	60.6	60.6	60.8	60.9		
GE 6000	56.0	58.9	60.2	60.4	60.6	60.8	60.9	61.0	61.0	61.4	61.4	61.4	61.5	61.5	61.6	61.7		
GE 5000	57.0	60.5	61.9	62.2	62.4	62.5	62.6	62.7	62.7	63.1	63.1	63.1	63.2	63.2	63.3	63.4		
GE 4000	57.6	61.4	63.0	63.3	63.7	63.8	63.9	64.0	64.0	64.4	64.4	64.4	64.5	64.5	64.6	64.7		
GE 3000	59.4	62.5	64.1	64.7	65.2	65.4	65.5	65.6	65.6	66.0	66.0	66.0	66.1	66.1	66.2	66.3		
GE 2000	59.2	63.8	65.0	66.7	67.1	67.3	67.4	67.5	67.5	68.0	68.0	68.0	68.1	68.1	68.2	68.3		
GE 1000	61.3	66.5	69.0	70.0	70.4	70.6	70.8	70.9	70.9	71.3	71.3	71.3	71.4	71.4	71.5	71.6		
GE 2500	64.6	70.3	73.4	74.5	74.9	75.2	75.4	75.5	75.5	75.9	75.9	75.9	76.0	76.0	76.1	76.2		
GE 2000	67.2	73.5	76.7	77.8	78.4	78.6	79.0	79.1	79.1	79.6	79.7	79.7	79.8	79.8	79.9	80.0		
GE 1500	69.7	75.2	78.4	79.8	80.4	81.1	81.4	81.5	81.5	82.0	82.2	82.2	82.3	82.3	82.4	82.5		
GE 1000	69.8	77.0	80.5	82.3	83.1	83.8	84.2	84.3	84.3	84.8	84.9	84.9	85.1	85.1	85.2	85.3		
GE 1000	71.1	78.8	82.6	84.5	85.6	86.2	87.1	87.2	87.2	87.7	87.8	87.8	88.0	88.0	88.1	88.2		
GE 1000	72.0	80.1	83.9	86.1	87.2	88.0	89.2	89.6	89.6	90.1	90.2	90.2	90.3	90.3	90.4	90.5		
GE 900	72.5	81.4	85.2	87.4	88.5	89.2	90.5	91.1	91.1	91.8	91.9	91.9	92.0	92.0	92.1	92.3		
GE 800	72.5	81.6	85.4	87.6	88.9	89.7	91.2	91.7	91.7	92.6	92.8	92.8	93.0	93.0	93.1	93.2		
GE 700	72.9	82.3	86.1	88.4	89.8	90.6	92.3	93.0	93.0	94.0	94.2	94.2	94.4	94.4	94.5	94.6		
GE 600	73.0	82.8	86.8	89.1	90.5	91.5	93.2	94.0	94.0	94.9	95.3	95.3	95.5	95.5	95.6	95.7		
GE 500	73.4	83.2	87.3	89.7	91.2	92.2	94.0	94.7	94.7	95.8	96.2	96.2	96.5	96.5	96.6	96.7		
GE 400	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.1	95.1	96.2	97.0	97.1	97.4	97.4	97.6	97.7		
GE 300	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.2	95.2	96.6	97.3	97.4	97.7	97.7	98.0	98.1		
GE 200	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.3	95.3	96.7	97.4	97.5	98.1	98.1	98.3	98.4		
GE 100	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.3	95.3	96.7	97.4	97.5	98.4	98.4	98.7	99.2		
GE	0	73.5	83.5	87.6	90.0	91.5	92.5	94.3	95.3	95.3	96.7	97.4	97.5	98.4	98.8	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.4	47.3	48.0	48.3	48.5	48.6	48.8	49.0	49.0	49.5	49.5	49.5	49.5	49.5	49.8	49.9
GE 20000	49.5	50.5	51.2	51.7	51.9	52.0	52.3	52.5	52.5	52.9	52.9	52.9	52.9	52.9	53.2	53.3
GE 18000	48.5	50.5	51.2	51.7	51.9	52.0	52.3	52.5	52.5	52.9	52.9	52.9	52.9	52.9	53.2	53.3
GE 16000	48.5	50.5	51.2	51.7	51.9	52.0	52.3	52.5	52.5	52.9	52.9	52.9	52.9	52.9	53.2	53.3
GE 14000	48.8	50.9	51.5	52.0	52.3	52.4	52.6	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.5	53.7
GE 12000	49.2	51.3	51.9	52.5	52.7	52.8	53.0	53.2	53.2	53.7	53.7	53.7	53.7	53.7	54.0	54.1
GE 10000	51.9	54.4	55.1	55.6	55.9	56.0	56.2	56.5	56.5	56.9	56.9	56.9	56.9	56.9	57.2	57.3
GE 9000	52.6	55.1	55.7	56.2	56.6	56.7	56.9	57.1	57.1	57.5	57.5	57.5	57.5	57.5	57.8	58.0
GE 8000	54.0	56.5	57.1	57.6	58.0	58.1	58.3	58.5	58.5	58.9	58.9	58.9	58.9	58.9	59.2	59.4
GE 7000	55.1	57.5	58.2	58.7	59.0	59.2	59.5	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.4	60.5
GE 6000	55.8	58.4	59.2	59.8	60.2	60.4	60.6	60.9	60.9	61.3	61.3	61.3	61.3	61.3	61.6	61.7
GE 5000	58.0	60.5	61.6	62.2	62.6	62.8	63.0	63.2	63.2	63.7	63.7	63.7	63.7	63.7	64.0	64.1
GE 4500	59.2	62.2	63.2	63.6	64.2	64.4	64.6	64.8	64.8	65.3	65.3	65.3	65.3	65.3	65.6	65.7
GE 4000	59.5	62.5	63.5	64.3	64.9	65.2	65.4	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.3	66.5
GE 3500	60.8	64.1	65.3	66.0	66.8	67.0	67.2	67.4	67.4	67.9	67.9	67.9	67.9	67.9	68.2	68.3
GE 3000	62.6	66.5	67.7	68.6	69.4	69.6	69.8	70.0	70.0	70.5	70.5	70.5	70.5	70.5	70.9	71.0
GE 2500	65.9	70.6	72.3	73.7	74.5	74.7	75.1	75.3	75.3	75.8	75.8	75.8	75.9	75.9	76.2	76.3
GE 2000	68.3	74.1	76.0	77.5	78.5	78.7	79.0	79.2	79.2	79.8	79.8	79.8	79.9	79.9	80.2	80.3
GE 1800	69.4	75.5	77.5	79.1	80.2	80.4	81.0	81.2	81.2	81.7	81.7	81.7	81.8	81.8	82.2	82.3
GE 1500	70.9	77.6	79.8	81.8	82.9	83.1	83.7	83.9	83.9	84.4	84.4	84.4	84.5	84.5	84.8	84.9
GE 1200	72.6	80.3	82.5	84.6	86.0	86.2	86.9	87.1	87.1	87.6	87.6	87.6	87.7	87.7	88.1	88.2
GE 1000	73.4	81.5	83.8	86.1	87.8	88.4	89.1	89.6	89.6	90.1	90.1	90.1	90.2	90.2	90.5	90.6
GE 900	74.0	82.7	84.9	87.3	89.2	89.7	90.4	91.1	91.1	91.6	91.6	91.6	91.7	91.7	92.0	92.2
GE 800	74.3	83.0	85.3	87.7	89.7	90.4	91.2	91.9	91.9	92.5	92.5	92.5	92.6	92.6	92.9	93.0
GE 700	74.6	83.3	85.6	88.2	90.2	91.1	91.9	92.9	92.9	93.7	93.8	93.8	93.9	93.9	94.2	94.3
GE 600	74.8	83.7	86.0	88.6	90.8	91.7	92.7	93.6	93.8	94.8	94.9	94.9	95.1	95.1	95.4	95.5
GE 500	74.9	83.9	86.3	89.0	91.2	92.4	93.3	94.5	94.5	95.9	96.1	96.1	96.2	96.2	96.6	96.7
GE 400	74.9	84.0	86.5	89.4	91.5	92.7	93.7	94.8	94.8	96.2	96.5	96.5	96.9	96.9	97.2	97.3
GE 300	74.9	84.1	86.6	89.7	91.9	93.1	94.3	95.5	95.5	96.9	97.1	97.1	97.5	97.5	97.8	98.0
GE 200	74.9	84.1	86.6	89.7	91.9	93.1	94.3	95.5	95.5	97.0	97.3	97.3	98.2	98.3	98.8	98.9
GE 100	74.9	84.1	86.6	89.7	91.9	93.1	94.3	95.5	95.5	97.0	97.3	97.3	98.6	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17
NO CEIL	43.7	46.3	47.5	48.2	48.4	48.5	49.0	49.1	49.1	49.2	49.4	49.4	49.4	49.4	49.6	49.7	49.7
GE 20000	43.7	47.3	48.6	49.2	49.5	49.6	50.1	50.2	50.2	50.3	50.4	50.4	50.4	50.4	50.6	50.8	50.8
GE 18000	44.0	47.4	48.7	49.4	49.6	49.7	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.8	50.9	50.9
GE 16000	44.0	47.4	48.7	49.4	49.6	49.7	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.8	50.9	50.9
GE 14000	44.0	47.4	48.7	49.4	49.6	49.7	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.8	50.9	50.9
GE 12000	45.2	48.6	49.9	50.5	50.8	50.9	51.4	51.5	51.5	51.6	51.7	51.7	51.7	51.7	51.9	52.0	52.0
GE 10000	46.8	50.3	51.7	52.4	52.6	52.8	53.3	53.4	53.4	53.5	53.8	53.8	53.8	53.8	54.0	54.1	54.1
GE 9000	47.7	51.4	52.8	53.4	53.7	53.9	54.4	54.5	54.5	54.6	54.8	54.8	54.8	54.8	55.1	55.2	55.2
GE 8000	49.0	52.8	54.2	54.8	55.1	55.3	55.8	55.9	55.9	56.0	56.2	56.2	56.2	56.2	56.5	56.6	56.6
GE 7000	50.2	54.0	55.4	56.1	56.3	56.6	57.1	57.3	57.3	57.4	57.6	57.6	57.6	57.6	57.8	58.0	58.0
GE 6000	51.5	55.6	57.0	58.0	58.2	58.4	58.9	59.1	59.1	59.2	59.5	59.5	59.5	59.5	59.7	59.8	59.8
GE 5000	54.4	58.6	60.3	61.4	61.6	61.8	62.4	62.6	62.6	62.7	62.9	62.9	62.9	62.9	63.1	63.2	63.2
GE 4500	55.8	60.1	61.8	62.9	63.1	63.3	63.9	64.1	64.1	64.2	64.4	64.4	64.4	64.4	64.6	64.7	64.7
GE 4000	56.6	61.2	63.0	64.1	64.4	64.6	65.3	65.5	65.5	65.6	65.8	65.8	65.8	65.8	66.0	66.1	66.1
GE 3500	57.7	62.6	64.6	65.7	66.0	66.2	66.9	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.6	67.7	67.7
GE 3000	59.1	64.3	66.7	67.7	68.2	68.5	69.1	69.5	69.5	69.6	69.8	69.8	69.8	69.8	70.0	70.1	70.1
GE 2500	61.7	67.5	70.2	71.7	72.5	72.8	73.7	74.0	74.0	74.1	74.3	74.3	74.3	74.3	74.5	74.6	74.6
GE 2000	64.5	70.6	73.8	75.3	76.1	76.5	77.3	77.6	77.6	77.7	78.0	78.0	78.0	78.0	78.2	78.3	78.3
GE 1800	66.3	72.5	75.6	77.2	78.1	78.4	79.2	79.6	79.6	79.7	79.9	79.9	79.9	79.9	80.1	80.2	80.2
GE 1500	69.2	75.7	78.8	80.8	81.6	82.0	83.0	83.4	83.4	83.5	83.8	83.8	83.8	83.8	84.0	84.1	84.1
GE 1200	71.2	78.8	82.0	84.1	85.2	85.7	86.7	87.2	87.2	87.3	87.5	87.5	87.5	87.5	87.7	87.8	87.8
GE 1000	72.4	80.1	83.3	85.4	86.5	87.0	88.0	88.6	88.6	88.8	89.0	89.0	89.0	89.0	89.5	89.6	89.6
GE 900	73.1	81.2	84.4	86.6	87.6	88.2	89.1	89.9	89.9	90.0	90.3	90.5	90.5	90.5	91.1	91.2	91.2
GE 800	73.7	81.8	85.2	87.4	88.5	89.0	90.0	91.0	91.0	91.1	91.6	91.8	91.8	92.2	92.4	92.5	92.5
GE 700	74.0	82.3	85.6	88.0	89.1	89.7	91.0	91.9	92.0	92.1	92.7	92.9	92.9	93.2	93.4	93.5	93.5
GE 600	74.6	82.9	86.2	88.6	89.0	90.1	91.2	92.5	93.7	94.0	94.6	94.8	94.8	95.2	95.4	95.5	95.5
GE 500	74.9	83.5	86.9	89.2	90.9	91.9	93.3	94.5	94.8	95.6	95.8	95.8	95.8	96.1	96.3	96.5	96.5
GE 400	74.9	83.5	86.9	89.4	91.0	92.0	93.4	94.6	94.9	95.9	96.1	96.1	96.1	96.5	96.7	96.8	96.8
GE 300	74.9	83.5	86.9	89.5	91.2	92.3	93.9	95.2	95.5	96.6	96.9	96.9	96.9	97.2	97.4	97.5	97.5
GE 200	74.9	83.5	86.9	89.5	91.2	92.3	93.9	95.2	95.5	96.6	97.7	97.1	97.1	98.1	98.5	98.8	98.8
GE 100	74.9	83.5	86.9	89.5	91.2	92.3	93.9	95.2	95.5	96.6	97.0	97.1	97.1	98.2	98.7	99.1	99.2
GE 01	74.9	83.5	86.9	89.5	91.2	92.3	93.9	95.2	95.5	96.6	97.0	97.1	97.1	98.2	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13	14
NO CEIL	42.0	45.4	46.1	46.9	47.2	47.4	47.6	47.7	47.7	47.8	48.0	48.0	48.1	48.1	48.3	48.3
GE 20000	45.4	49.8	50.5	51.4	51.9	52.2	52.4	52.5	52.5	52.6	52.7	52.7	53.1	53.1	53.3	53.3
GE 18000	45.8	50.2	51.0	51.6	52.4	52.6	52.8	52.9	52.9	53.0	53.1	53.1	53.5	53.5	53.8	53.8
GE 16000	45.8	50.2	51.0	51.6	52.4	52.6	52.8	52.9	52.9	53.0	53.1	53.1	53.5	53.5	53.8	53.8
GE 14000	45.8	50.2	51.0	51.6	52.4	52.6	52.8	52.9	52.9	53.0	53.1	53.1	53.5	53.5	53.8	53.8
GE 12000	46.0	50.6	51.4	52.3	52.8	53.0	53.2	53.3	53.3	53.5	53.8	53.8	54.2	54.2	54.4	54.4
GE 10000	47.2	52.5	53.2	54.1	54.6	54.8	55.1	55.3	55.3	55.5	55.7	55.7	56.1	56.1	56.3	56.3
GE 9000	48.2	54.2	54.9	55.8	56.3	56.7	56.9	57.1	57.1	57.3	57.5	57.5	58.0	58.0	58.2	58.2
GE 8000	49.6	55.8	56.6	57.4	58.2	58.5	58.7	58.9	58.9	59.1	59.5	59.5	59.9	59.9	60.1	60.1
GE 7000	50.4	56.8	57.5	58.5	59.2	59.6	59.8	60.0	60.0	60.4	60.8	60.8	61.2	61.2	61.4	61.4
GE 6000	51.8	58.3	59.0	60.0	60.9	61.2	61.4	61.6	61.6	62.0	62.4	62.4	62.9	62.8	63.0	63.0
GE 5000	53.9	60.4	61.3	62.3	63.1	63.4	63.7	63.9	63.9	64.3	64.6	64.6	65.1	65.1	65.3	65.3
GE 4500	55.3	61.9	62.8	63.8	64.6	64.9	65.3	65.5	65.5	66.0	66.3	66.3	66.9	66.8	67.0	67.0
GE 4000	56.1	63.2	64.3	65.3	66.1	66.5	66.9	67.1	67.1	67.6	68.0	68.0	68.4	68.4	68.6	68.6
GE 3500	57.1	64.5	65.6	66.7	67.6	68.1	68.5	68.7	68.7	69.2	69.6	69.6	70.0	70.0	70.2	70.2
GE 3000	58.0	66.0	67.2	68.3	69.2	69.7	70.1	70.6	70.6	71.2	71.5	71.5	71.9	71.9	72.2	72.2
GE 2500	59.8	68.2	69.6	71.1	72.2	72.7	73.2	73.9	73.9	74.4	74.7	74.7	75.2	75.2	75.4	75.4
GE 2000	61.2	70.2	72.0	73.8	74.9	75.6	76.5	77.4	77.4	78.0	78.3	78.3	78.7	78.7	78.9	78.9
GE 1800	61.6	70.8	72.6	74.4	75.6	76.5	77.1	78.1	78.1	78.6	78.9	78.9	79.4	79.4	79.6	79.6
GE 1500	63.7	73.2	75.1	77.1	78.5	79.1	79.8	81.1	81.1	81.7	82.0	82.0	82.5	82.5	82.7	82.7
GE 1200	65.1	75.6	77.5	79.6	80.8	81.6	82.4	83.9	84.0	84.7	85.1	85.1	85.5	85.5	85.7	85.7
GE 1000	66.0	77.4	79.5	81.6	83.0	84.4	85.3	87.3	87.4	88.3	88.7	88.7	89.1	89.1	89.4	89.4
GE 900	67.0	78.6	80.6	82.9	84.4	85.8	87.0	89.0	89.2	90.2	90.6	90.6	91.1	91.1	91.3	91.3
GE 800	67.2	79.1	81.2	83.4	84.9	86.5	87.7	89.9	90.1	91.2	91.6	91.6	92.0	92.0	92.3	92.3
GE 700	67.2	79.6	81.7	84.0	85.6	87.3	88.8	91.1	91.3	92.5	92.9	92.9	93.3	93.3	93.5	93.5
GE 600	67.4	80.0	82.2	84.5	86.7	88.4	89.9	92.4	92.9	94.5	95.1	95.1	95.5	95.5	95.7	95.7
GE 500	67.4	80.0	82.2	84.5	86.7	88.4	89.9	92.4	93.2	94.8	95.5	95.5	95.9	95.9	96.1	96.1
GE 400	67.4	80.0	82.4	84.7	86.9	88.6	90.1	92.6	93.7	95.4	96.1	96.3	96.8	96.8	97.0	97.0
GE 300	67.4	80.0	82.5	84.8	87.0	88.7	90.4	93.3	94.3	96.2	97.1	97.3	97.8	97.8	98.1	98.1
GE 200	67.4	80.0	82.5	84.6	87.0	88.7	90.4	93.3	94.3	96.2	97.2	97.6	98.6	98.8	99.1	99.2
GE 100	67.4	80.0	82.5	84.8	87.0	88.7	90.4	93.3	94.3	96.2	97.2	97.8	98.6	99.0	99.5	100.0
GE 0	67.4	80.0	82.5	84.8	87.0	88.7	90.4	93.3	94.3	96.2	97.2	97.8	98.6	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	45.3	47.8	48.2	48.8	49.4	49.7	50.0	50.1	50.1	50.2	50.2	50.3	50.3	50.4	50.5	50.8
GE 20000	49.5	52.6	52.9	53.5	54.4	54.7	55.2	55.3	55.4	55.6	55.8	55.9	56.0	56.5	56.6	56.8
GE 18000	48.5	52.7	53.0	53.7	54.5	54.8	55.3	55.4	55.5	55.7	55.9	56.0	56.1	56.6	56.7	56.9
GE 16000	48.5	52.7	53.0	53.7	54.5	54.8	55.3	55.4	55.5	55.7	55.9	56.0	56.1	56.6	56.7	56.9
GE 14000	48.6	52.9	53.2	53.9	54.7	55.1	55.5	55.6	55.7	55.9	56.1	56.2	56.3	56.8	56.9	57.1
GE 12000	49.7	54.4	54.7	55.4	56.2	56.6	57.0	57.1	57.2	57.4	57.6	57.7	57.8	58.3	58.4	58.6
GE 10000	51.1	56.0	56.3	57.0	57.8	58.2	58.6	58.7	58.8	59.0	59.2	59.4	59.5	59.9	60.0	60.2
GE 9000	51.8	57.0	57.3	58.0	58.8	59.1	59.6	59.7	59.8	60.0	60.2	60.3	60.4	60.9	61.0	61.2
GE 8000	53.0	58.5	58.9	59.6	60.4	60.8	61.3	61.5	61.6	61.8	62.0	62.2	62.3	62.7	62.8	63.0
GE 7000	53.7	59.2	59.7	60.3	61.2	61.5	62.0	62.3	62.4	62.6	62.8	62.9	63.0	63.4	63.5	63.8
GE 6000	54.8	60.6	61.2	61.9	62.8	63.1	63.8	64.0	64.1	64.3	64.5	64.6	64.7	65.2	65.3	65.5
GE 5000	56.0	61.9	62.7	63.4	64.5	64.9	65.6	65.8	65.9	66.1	66.3	66.5	66.6	67.0	67.1	67.3
GE 4500	56.9	63.1	63.9	64.6	65.7	66.1	66.8	67.0	67.1	67.3	67.5	67.6	67.7	68.2	68.3	68.5
GE 4000	57.6	64.0	64.7	65.5	66.6	67.0	67.6	67.8	68.0	68.2	68.4	68.5	68.6	69.0	69.1	69.4
GE 3500	58.4	65.4	66.1	67.0	68.2	68.6	69.2	69.7	69.8	70.0	70.2	70.3	70.4	70.9	71.0	71.2
GE 3000	59.5	67.0	68.0	68.8	70.0	70.4	71.2	71.6	71.7	71.9	72.2	72.3	72.4	72.8	72.9	73.1
GE 2500	61.0	69.5	70.6	71.7	72.9	73.4	74.4	74.9	75.1	75.3	75.5	75.6	75.7	76.1	76.2	76.5
GE 2000	63.4	72.7	74.1	75.5	76.7	77.4	78.7	79.2	79.4	79.6	79.8	79.9	80.0	80.4	80.5	80.8
GE 1800	64.0	73.3	74.8	76.2	77.4	78.2	79.5	80.0	80.1	80.3	80.5	80.6	80.8	81.2	81.3	81.5
GE 1500	64.5	74.5	76.3	77.7	78.9	79.6	81.2	81.9	82.3	83.2	83.4	83.5	83.7	84.1	84.2	84.4
GE 1200	66.5	77.6	79.7	81.2	82.4	83.3	84.9	86.0	86.7	87.6	87.8	88.0	88.2	88.6	88.7	88.9
GE 1000	67.3	79.1	81.2	82.7	84.0	84.9	87.1	88.6	89.4	90.6	91.0	91.2	91.4	91.8	91.9	92.2
GE 900	67.6	79.9	81.9	83.4	84.8	85.8	88.1	89.7	90.4	91.7	92.2	92.4	92.6	93.0	93.1	93.3
GE 800	68.0	80.1	82.4	84.0	85.5	86.6	88.9	90.6	91.5	92.9	93.3	93.5	93.8	94.2	94.3	94.5
GE 700	68.0	80.4	82.7	84.3	85.9	87.1	89.7	91.5	92.4	94.0	94.4	94.6	94.9	95.4	95.5	95.7
GE 600	68.0	80.5	83.1	84.8	86.5	87.8	90.5	92.5	93.4	95.5	96.0	96.5	96.9	97.3	97.4	97.6
GE 500	68.0	80.5	83.1	84.9	86.6	88.1	90.8	92.9	93.9	95.9	96.5	96.9	97.3	97.7	97.8	98.1
GE 400	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.3	96.9	97.3	97.7	98.2	98.3	98.5
GE 300	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.7	97.4	97.8	98.6	99.0	99.1	99.4
GE 200	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.7	97.4	98.0	98.7	99.1	99.2	99.5
GE 100	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.7	97.4	98.0	98.7	99.1	99.4	99.9
GE 0	68.0	80.5	83.1	84.9	86.6	88.2	91.1	93.2	94.3	96.7	97.4	98.0	98.7	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0				
NO CEIL	43.9	46.2	46.6	46.9	47.6	47.6	47.8	48.0	48.0	48.3	48.4	48.4	48.4	48.5	48.5	48.5		
GE 20000	48.2	51.6	51.9	52.3	53.2	53.2	53.5	53.7	53.7	54.1	54.4	54.4	54.4	54.6	54.6	54.6		
GE 18000	48.4	51.8	52.2	52.5	53.4	53.4	53.8	53.9	53.9	54.3	54.6	54.6	54.6	54.8	54.8	54.8		
GE 16000	48.4	51.8	52.2	52.5	53.4	53.4	53.8	53.9	53.9	54.3	54.6	54.6	54.6	54.8	54.8	54.8		
GE 14000	48.7	52.3	52.6	52.9	53.9	53.9	54.2	54.3	54.3	54.7	55.1	55.1	55.1	55.3	55.3	55.3		
GE 12000	49.4	52.9	53.2	53.7	54.6	54.6	55.1	55.2	55.2	55.6	55.9	55.9	55.9	56.1	56.1	56.1		
GE 10000	50.8	54.5	54.9	55.6	56.7	56.6	57.3	57.4	57.4	57.8	58.2	58.2	58.2	58.4	58.4	58.4		
GE 9000	51.7	55.7	56.1	56.9	58.0	58.1	58.6	58.7	58.7	59.1	59.5	59.5	59.5	59.7	59.7	59.7		
GE 8000	52.9	57.2	57.6	58.3	59.5	59.6	60.1	60.2	60.2	60.8	61.1	61.1	61.1	61.3	61.3	61.3		
GE 7000	54.7	59.4	59.8	60.4	61.6	61.7	62.4	62.5	62.5	63.0	63.3	63.3	63.3	63.5	63.5	63.5		
GE 6000	56.1	60.9	61.3	62.0	63.2	63.3	64.1	64.2	64.2	64.7	65.1	65.1	65.1	65.3	65.3	65.3		
GE 5000	58.0	63.0	63.4	64.2	65.4	65.5	66.3	66.5	66.5	67.0	67.3	67.3	67.3	67.5	67.5	67.5		
GE 4500	58.5	63.8	64.4	65.2	66.3	66.5	67.4	67.5	67.5	68.1	68.4	68.4	68.4	68.6	68.6	68.6		
GE 4000	58.9	64.2	65.1	65.8	67.0	67.1	68.1	68.3	68.4	68.9	69.2	69.2	69.2	69.5	69.5	69.5		
GE 3500	60.0	65.6	66.6	67.3	68.7	68.8	69.9	70.1	70.3	70.9	71.2	71.2	71.2	71.4	71.4	71.4		
GE 3000	62.0	68.1	69.0	69.8	71.3	71.4	72.5	72.8	73.0	73.7	74.0	74.0	74.0	74.2	74.2	74.2		
GE 2500	63.1	69.7	70.9	71.6	73.4	73.5	74.7	75.2	75.4	76.2	76.6	76.7	76.7	76.9	76.9	76.9		
GE 2000	65.1	71.8	73.1	73.9	75.8	76.1	77.7	78.3	78.5	79.5	79.8	79.9	79.9	80.1	80.1	80.1		
GE 1800	66.1	72.9	74.2	74.9	76.9	77.3	78.9	79.5	79.7	80.6	81.0	81.1	81.1	81.3	81.3	81.3		
GE 1600	67.1	74.2	75.8	76.8	78.8	79.6	81.3	82.4	82.8	83.8	84.2	84.3	84.3	84.5	84.5	84.5		
GE 1400	69.6	77.1	79.1	80.5	82.7	83.5	85.4	86.5	86.9	88.0	88.4	88.5	88.5	88.7	88.7	88.7		
GE 1200	70.4	78.1	80.2	81.8	84.2	85.2	87.5	88.6	89.1	90.5	91.5	91.6	91.7	91.9	91.9	91.9		
GE 1000	70.9	78.7	81.0	82.6	84.9	85.9	88.4	89.7	90.2	92.0	92.8	92.9	93.0	93.2	93.3	93.3		
GE 900	71.3	79.2	81.8	83.4	85.9	86.9	89.5	91.0	91.5	93.5	94.3	94.4	94.6	94.8	94.9	94.9		
GE 800	71.6	79.6	82.2	83.8	86.2	87.2	89.9	91.6	92.6	94.8	95.9	96.0	96.2	96.5	96.6	96.6		
GE 700	71.7	79.6	82.6	84.5	87.0	88.0	90.6	92.6	93.3	95.6	96.8	96.9	97.2	97.4	97.5	97.5		
GE 600	71.7	79.9	82.7	84.6	87.1	88.1	90.8	92.8	93.7	96.0	97.3	97.4	97.7	98.0	98.1	98.1		
GE 500	71.7	79.9	82.7	84.8	87.3	88.3	91.0	93.0	93.9	96.2	97.5	97.6	98.0	98.2	98.3	98.6		
GE 400	71.7	79.9	82.7	84.8	87.3	88.3	91.0	93.0	93.9	96.3	97.6	97.7	98.1	98.3	98.4	98.7		
GE 300	71.7	79.9	82.7	84.8	87.3	88.3	91.0	93.0	93.9	96.3	97.6	97.7	98.1	98.3	98.4	98.7		
GE 200	71.7	79.9	82.7	84.8	87.3	88.3	91.0	93.0	93.9	96.3	97.6	97.7	98.1	98.3	98.4	98.7		
GE 100	71.7	79.9	82.7	84.8	87.3	88.3	91.0	93.0	93.9	96.3	97.6	97.7	98.1	98.3	98.4	98.7		
GE 0	71.7	79.9	82.7	84.8	87.3	88.3	91.0	93.0	93.9	96.3	97.6	97.7	98.1	98.3	98.4	98.7		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 1900-2000

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	47.3	49.2	49.7	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.3
GE 20000	1	49.9	51.8	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2
GE 18000	1	49.9	51.8	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2
GE 16000	1	49.9	51.8	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2
GE 14000	1	50.3	52.3	52.7	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.7
GE 12000	1	51.3	53.3	53.8	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.7
GE 10000	1	52.9	55.2	55.7	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.3
GE 9000	1	53.4	55.7	56.2	56.9	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8
GE 8000	1	54.8	57.2	57.7	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.4
GE 7000	1	56.5	59.9	60.9	61.6	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.6
GE 6000	1	57.4	60.9	61.8	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.7
GE 5000	1	59.6	63.3	64.4	65.4	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.6
GE 4500	1	60.8	64.7	66.0	67.0	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2
GE 4000	1	62.0	66.2	67.5	68.5	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.7
GE 3500	1	63.0	67.5	69.1	70.1	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.3
GE 3000	1	64.4	69.5	71.4	72.5	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.8
GE 2500	1	66.0	71.7	73.7	74.7	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.2	76.5	76.5	76.5	76.5	76.6
GE 2000	1	69.0	75.6	77.6	78.7	80.0	80.2	80.4	80.6	80.6	80.6	80.6	80.9	81.1	81.1	81.1	81.1	81.2
GE 1800	1	69.7	76.3	78.4	79.7	81.1	81.3	81.6	81.8	81.8	81.8	81.8	82.0	82.3	82.3	82.3	82.3	82.4
GE 1500	1	71.4	78.8	81.3	82.7	84.1	84.5	84.8	85.3	85.3	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.8
GE 1200	1	72.5	80.2	82.7	84.3	86.1	86.7	87.1	87.6	87.6	87.6	87.7	87.8	88.2	88.2	88.2	88.2	88.3
GE 1000	1	73.3	81.7	84.3	86.2	88.3	88.9	89.8	91.0	91.0	91.2	91.3	91.3	91.6	91.6	91.6	91.6	91.7
GE 900	1	73.8	82.2	84.7	86.7	88.8	89.7	90.6	91.8	91.8	92.2	92.3	92.3	92.7	92.7	92.7	92.7	92.9
GE 800	1	74.2	83.0	85.9	88.0	90.1	91.0	91.9	93.2	93.2	93.5	93.7	94.1	94.1	94.1	94.1	94.2	94.3
GE 700	1	74.4	83.8	86.9	88.9	91.3	92.2	93.1	94.6	94.6	95.3	95.8	96.2	96.2	96.2	96.2	96.3	96.5
GE 600	1	74.5	83.9	87.1	89.1	91.6	92.6	93.5	95.1	95.1	95.7	96.2	96.7	96.7	96.7	96.7	96.8	96.9
GE 500	1	74.8	84.3	87.5	89.7	92.2	93.1	94.1	95.6	95.6	96.2	96.4	97.2	97.2	97.2	97.2	97.3	97.4
GE 400	1	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.0	96.0	96.7	97.2	97.6	97.6	97.6	97.6	97.7	98.2
GE 300	1	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.1	96.2	96.9	97.4	97.8	97.8	97.8	97.8	98.0	98.4
GE 200	1	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.2	96.3	97.0	97.7	98.2	98.3	98.3	98.3	98.4	98.8
GE 100	1	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.2	96.3	97.0	97.7	98.2	98.4	98.4	98.4	98.6	99.0
GE 0	1	74.8	84.3	87.5	89.7	92.2	93.1	94.3	96.2	96.3	97.7	97.7	98.2	98.4	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	47.1	49.7	50.0	50.3	50.6	50.8	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.8	51.8	51.8
GE 20000	49.0	51.6	52.0	52.4	52.9	53.0	53.4	53.5	53.5	53.7	53.7	53.7	53.7	54.1	54.1	54.1
GE 18000	49.0	51.6	52.0	52.4	52.9	53.0	53.4	53.5	53.5	53.7	53.7	53.7	53.7	54.1	54.1	54.1
GE 16000	49.0	51.6	52.0	52.4	52.9	53.0	53.4	53.5	53.5	53.7	53.7	53.7	53.7	54.1	54.1	54.1
GE 14000	49.2	51.8	52.3	52.6	53.1	53.2	53.7	53.8	53.8	53.9	53.9	53.9	53.9	54.3	54.3	54.3
GE 12000	50.4	53.0	53.4	53.8	54.3	54.4	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.5	55.5	55.5
GE 10000	53.2	55.8	56.3	56.8	57.3	57.4	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.5	58.5	58.5
GE 9000	53.5	56.2	56.8	57.2	57.7	57.8	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.9	58.9	58.9
GE 8000	54.6	57.4	58.0	58.4	58.9	59.0	59.5	59.6	59.6	59.7	59.7	59.7	59.7	60.1	60.1	60.1
GE 7000	55.7	58.7	59.4	59.8	60.3	60.4	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.5	61.5	61.5
GE 6000	56.2	59.9	60.5	61.0	61.5	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.7	62.7	62.7
GE 5000	57.8	62.4	63.1	63.7	64.3	64.4	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.5	65.5	65.5
GE 4500	58.5	63.4	64.2	64.8	65.5	65.6	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.7	66.7	66.7
GE 4000	60.1	65.3	66.1	66.8	67.5	67.6	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.7	68.7	68.7
GE 3500	61.1	66.9	67.8	68.6	69.4	69.5	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.5	70.5	70.5
GE 3000	63.7	70.0	71.1	71.9	72.7	72.8	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.9	73.9	73.9
GE 2500	65.9	73.2	74.5	75.5	76.6	76.7	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.7	77.7	77.7
GE 2000	68.2	76.2	77.6	78.7	79.9	80.0	80.4	80.6	80.6	80.8	80.8	80.8	80.8	81.2	81.2	81.2
GE 1800	69.4	77.6	79.0	80.2	81.6	81.7	82.3	82.5	82.5	82.6	82.6	82.6	82.6	83.0	83.0	83.0
GE 1500	71.1	80.4	82.0	83.4	85.2	85.3	85.8	86.2	86.2	86.3	86.3	86.3	86.3	86.8	86.8	86.8
GE 1200	72.6	82.6	84.2	86.1	88.2	88.3	88.8	89.2	89.2	89.4	89.4	89.4	89.4	89.8	89.8	89.8
GE 1000	72.9	83.7	85.7	88.1	90.3	90.5	91.2	91.9	91.9	92.2	92.2	92.2	92.2	92.6	92.6	92.6
GE 900	73.2	84.1	86.3	88.7	91.2	91.4	92.2	93.2	93.2	93.4	93.4	93.4	93.4	93.9	93.9	93.9
GE 800	73.8	84.9	87.3	89.9	92.6	92.9	93.7	94.7	94.7	95.1	95.1	95.1	95.1	95.5	95.5	95.5
GE 700	74.1	85.5	88.0	90.6	93.4	93.8	94.5	95.6	95.6	95.9	95.9	96.0	96.0	96.5	96.5	96.5
GE 600	74.1	85.7	88.3	91.0	93.9	94.2	94.9	96.0	96.0	96.3	96.3	96.3	96.3	97.0	97.0	97.0
GE 500	74.4	86.0	88.6	91.3	94.1	94.5	95.3	96.5	96.5	96.9	96.9	97.0	97.0	97.5	97.5	97.5
GE 400	74.5	86.1	88.8	91.6	94.4	94.8	95.6	96.9	96.9	97.4	97.4	97.5	97.5	98.1	98.1	98.1
GE 300	74.5	86.1	88.8	91.6	94.4	94.8	95.6	96.9	96.9	97.4	97.4	97.6	97.6	98.2	98.2	98.2
GE 200	74.5	86.1	88.8	91.6	94.5	94.9	95.7	97.1	97.1	97.6	97.6	97.8	97.8	98.4	98.4	98.4
GE 100	74.5	86.1	88.8	91.6	94.5	94.9	95.7	97.1	97.1	97.6	97.6	97.8	97.8	98.4	98.4	98.4
GE 0	74.5	86.1	88.8	91.6	94.5	94.9	95.7	97.1	97.1	97.6	97.6	97.8	97.8	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLU FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4
NO CEIL	45.1	47.7	48.3	48.7	49.0	49.1	49.4	49.5	49.5	49.7	49.7	49.7	49.7	49.8	49.9	50.0
GE 20000	47.8	50.8	51.5	51.9	52.4	52.5	52.8	52.9	52.9	53.1	53.2	53.3	53.3	53.4	53.5	53.7
GE 18000	47.9	50.9	51.6	52.0	52.5	52.6	52.9	53.0	53.0	53.3	53.3	53.3	53.3	53.4	53.5	53.8
GE 16000	47.9	50.9	51.6	52.0	52.5	52.6	52.9	53.0	53.0	53.3	53.3	53.3	53.3	53.4	53.5	53.8
GE 14000	48.1	51.2	51.8	52.3	52.8	52.9	53.2	53.3	53.3	53.5	53.6	53.6	53.6	53.8	53.9	54.1
GE 12000	48.9	52.1	52.7	53.2	53.7	53.8	54.1	54.2	54.2	54.4	54.5	54.6	54.7	54.8	54.9	55.0
GE 10000	50.8	54.2	54.9	55.5	56.0	56.2	56.5	56.6	56.6	56.8	56.9	57.0	57.1	57.2	57.3	57.4
GE 9000	51.5	55.1	55.8	56.3	56.9	57.1	57.4	57.5	57.5	57.7	57.9	58.0	58.1	58.2	58.3	58.4
GE 8000	52.8	56.5	57.2	57.8	58.4	58.5	58.9	59.0	59.0	59.2	59.4	59.4	59.5	59.7	59.8	59.9
GE 7000	54.0	58.0	58.8	59.4	60.0	60.2	60.5	60.7	60.7	60.9	61.1	61.1	61.2	61.3	61.5	61.5
GE 6000	55.0	59.2	60.0	60.7	61.4	61.5	61.9	62.0	62.1	62.3	62.5	62.5	62.6	62.7	62.8	62.9
GE 5000	56.8	61.3	62.4	63.1	63.8	64.0	64.3	64.5	64.5	64.8	64.9	64.9	65.1	65.2	65.3	65.4
GE 4500	57.8	62.6	63.7	64.4	65.1	65.3	65.7	65.9	65.9	66.2	66.3	66.3	66.5	66.6	66.7	66.8
GE 4000	58.7	63.6	64.8	65.6	66.4	66.6	67.0	67.2	67.2	67.5	67.6	67.7	67.8	67.9	68.0	68.1
GE 3500	59.7	65.0	66.4	67.3	68.1	68.3	68.8	69.0	69.0	69.3	69.4	69.4	69.6	69.7	69.8	69.9
GE 3000	61.3	67.2	68.8	69.7	70.6	70.8	71.3	71.5	71.6	71.9	72.0	72.1	72.2	72.3	72.4	72.5
GE 2500	63.5	70.1	71.9	73.1	74.1	74.4	75.0	75.3	75.3	75.6	75.8	75.8	76.0	76.1	76.2	76.3
GE 2000	65.9	73.1	75.1	76.4	77.5	77.9	78.6	79.0	79.1	79.4	79.6	79.7	79.8	79.9	80.0	80.1
GE 1800	66.9	74.3	76.3	77.7	78.9	79.4	80.1	80.5	80.6	80.9	81.1	81.2	81.3	81.4	81.5	81.6
GE 1500	68.5	76.4	78.7	80.3	81.6	82.2	83.0	83.5	83.7	84.2	84.3	84.4	84.5	84.6	84.7	84.8
GE 1200	70.1	78.9	81.3	83.1	84.6	85.2	86.2	86.8	87.0	87.5	87.7	87.8	87.9	88.0	88.1	88.2
GE 1000	71.0	80.2	82.7	84.8	86.4	87.2	88.4	89.4	89.6	90.3	90.5	90.6	90.8	90.9	91.0	91.1
GE 900	71.5	81.1	83.6	85.7	87.4	88.2	89.5	90.7	90.9	91.7	91.9	92.0	92.2	92.3	92.4	92.5
GE 800	71.9	81.6	84.3	86.4	88.3	89.1	90.5	91.8	92.0	92.9	93.1	93.2	93.5	93.6	93.7	93.8
GE 700	72.1	82.1	84.8	87.0	89.0	89.9	91.4	92.6	93.1	94.1	94.5	94.6	94.8	94.9	95.1	95.1
GE 600	72.3	82.4	85.3	87.5	89.6	90.7	92.2	93.7	94.1	95.3	95.7	95.8	96.1	96.2	96.4	96.4
GE 500	72.5	82.7	85.6	87.9	90.0	91.1	92.7	94.2	94.6	95.9	96.4	96.5	96.8	96.9	97.1	97.1
GE 400	72.5	82.7	85.7	88.1	90.2	91.3	92.9	94.6	94.9	96.3	96.9	97.0	97.4	97.5	97.6	97.8
GE 300	72.5	82.8	85.7	88.1	90.3	91.4	93.1	94.8	95.2	96.7	97.3	97.5	97.9	98.0	98.1	98.3
GE 200	72.5	82.8	85.7	88.1	90.3	91.4	93.1	94.9	95.3	96.8	97.5	97.7	98.4	98.6	98.8	99.0
GE 100	72.5	82.8	85.7	88.1	90.3	91.4	93.1	94.9	95.3	96.8	97.5	97.7	98.5	98.7	99.1	99.5
GE 0	72.5	82.8	85.7	88.1	90.3	91.4	93.1	94.9	95.3	96.8	97.5	97.7	98.5	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB FOURSEXTY: 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2	GE 9
NO CEIL	43.9	46.3	46.7	47.0	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.9
GE 20000	45.2	47.6	48.0	48.3	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.2
GE 18000	45.3	47.8	48.1	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3
GE 16000	45.3	47.8	48.1	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3
GE 14000	45.6	48.1	48.5	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.6
GE 12000	46.0	48.7	49.1	49.4	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.2
GE 10000	48.6	51.7	52.2	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.4
GE 9000	49.3	52.5	53.2	53.5	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4
GE 8000	50.5	53.8	54.5	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7
GE 7000	51.2	55.2	55.9	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	57.1
GE 6000	52.4	56.4	57.1	57.4	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.3
GE 5000	53.4	58.0	58.7	59.2	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.4
GE 4500	55.1	60.5	61.3	61.8	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0
GE 4000	55.9	61.6	62.5	63.0	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.5
GE 3500	57.0	63.0	63.9	64.7	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.2
GE 3000	59.7	66.3	67.6	68.4	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.2
GE 2500	62.1	69.3	70.7	71.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.3
GE 2000	64.4	72.2	73.6	74.7	76.0	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.7
GE 1800	65.8	74.0	75.5	76.5	77.8	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7
GE 1600	67.3	75.8	77.3	78.3	79.6	79.8	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7
GE 1400	69.1	78.3	79.8	80.9	82.2	82.4	82.7	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8
GE 1200	69.9	79.2	80.9	82.3	84.2	84.5	85.0	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.2
GE 1000	70.9	80.5	82.3	83.9	85.8	86.2	86.6	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.9
GE 900	71.0	80.7	82.9	85.0	86.9	87.2	87.7	88.7	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.5
GE 800	71.4	81.4	83.7	85.9	88.3	88.7	89.4	90.4	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9	91.3
GE 700	72.3	82.6	85.0	87.5	90.1	90.4	91.1	92.2	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7	93.0
GE 600	72.6	83.1	85.5	88.1	90.7	91.0	92.2	93.4	93.4	93.7	94.0	94.0	94.3	94.3	94.3	94.3	94.7
GE 500	72.6	83.5	85.8	88.7	91.5	91.8	93.1	94.3	94.3	94.7	94.9	94.9	95.3	95.3	95.3	95.3	95.6
GE 400	72.6	83.5	85.8	88.7	91.5	91.8	93.1	94.8	94.9	95.6	96.0	96.0	96.3	96.5	96.6	96.6	96.9
GE 300	72.6	83.5	85.8	88.8	91.6	92.0	93.4	95.4	95.5	96.3	96.8	96.8	97.2	97.3	97.4	97.4	97.9
GE 200	72.6	83.6	85.9	88.9	91.7	92.1	93.5	95.5	95.6	96.8	97.3	97.3	97.8	98.5	98.9	99.4	
GE 100	72.6	83.6	85.9	88.9	91.7	92.1	93.5	95.5	95.6	96.8	97.3	97.3	97.8	98.5	98.9	99.4	
GE 0	72.6	83.6	85.9	88.9	91.7	92.1	93.5	95.5	95.6	96.8	97.3	97.3	97.8	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	40.5	43.5	43.6	44.1	44.1	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	42.9	46.2	46.3	46.8	46.8	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 18000	42.9	46.2	46.3	46.8	46.8	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 16000	42.9	46.2	46.3	46.8	46.8	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 14000	43.6	47.0	47.2	47.6	47.6	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 12000	44.2	47.6	47.8	48.2	48.2	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	46.3	50.5	50.7	51.2	51.2	51.3	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8
GE 9000	47.0	51.4	51.7	52.1	52.1	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7
GE 8000	47.8	52.1	52.4	52.8	52.8	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4
GE 7000	49.6	54.4	54.6	55.1	55.1	55.2	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
GE 6000	50.1	55.0	55.2	55.7	55.7	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.3	56.3	56.3
GE 5000	51.3	56.7	57.1	57.9	57.9	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6
GE 4500	52.4	58.5	58.9	59.7	59.7	59.8	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4
GE 4000	53.5	60.3	60.8	61.7	61.8	62.2	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9
GE 3500	54.6	61.7	62.2	63.1	63.2	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3
GE 3000	56.0	63.9	64.5	65.5	65.7	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8
GE 2500	58.2	67.3	68.1	69.0	69.3	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3
GE 2000	59.9	69.3	70.2	71.2	71.4	71.9	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7
GE 1800	61.1	71.0	72.1	73.0	73.3	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.6	74.6	74.6
GE 1600	63.4	74.1	75.3	76.2	76.6	77.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6
GE 1400	64.4	76.1	77.4	78.6	79.0	79.4	80.6	80.9	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3
GE 1200	65.4	77.5	79.1	80.7	81.8	82.3	83.8	84.2	84.3	84.6	84.6	84.6	84.6	85.1	85.1	85.1
GE 1000	66.0	78.7	80.4	82.2	83.2	83.8	85.3	85.7	85.8	86.2	86.2	86.2	86.2	86.6	86.6	86.6
GE 900	66.4	79.3	81.0	83.1	84.3	84.9	86.4	86.9	87.0	87.6	87.6	87.6	87.6	88.1	88.1	88.1
GE 800	67.1	80.1	81.8	83.9	85.8	86.5	88.4	88.9	89.0	89.8	89.8	89.8	89.8	90.7	90.7	90.7
GE 700	67.8	81.3	83.1	85.2	87.4	88.1	90.0	90.4	90.5	91.6	91.7	91.7	91.7	92.6	92.6	92.6
GE 600	67.8	81.6	83.5	85.6	87.7	88.4	90.4	91.0	91.3	92.3	92.4	92.4	92.4	93.3	93.3	93.3
GE 500	67.8	81.9	83.9	86.4	88.7	89.4	91.5	92.1	92.3	93.5	93.7	93.7	93.7	94.6	94.6	94.6
GE 400	67.8	81.9	83.9	86.6	89.0	89.7	92.1	92.9	93.3	94.6	94.9	94.9	94.9	95.7	95.7	95.7
GE 300	67.8	81.9	83.9	86.6	89.0	89.7	92.3	93.5	93.9	95.1	95.6	95.7	95.7	96.7	96.7	96.7
GE 200	67.8	81.9	83.9	86.6	89.0	89.7	92.3	93.5	94.0	95.6	96.2	96.3	96.3	97.6	97.6	97.6
GE 100	67.8	81.9	83.9	86.6	89.0	89.7	92.3	93.5	94.0	95.6	96.2	96.3	96.3	97.6	97.6	97.6
GE 0	67.8	81.9	83.9	86.6	89.0	89.7	92.3	93.5	94.0	95.6	96.2	96.3	96.3	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(UTC): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	
NO CEIL	39.4		41.5	41.6	42.3	42.7	43.0	43.3	43.3	43.3	43.4	43.4	43.4	43.5	43.6	43.6	43.6	
GE 20000	41.0	41.0	43.4	43.5	44.2	44.7	45.0	45.3	45.3	45.3	45.4	45.5	45.5	45.6	45.7	45.7	45.7	
GE 18000	41.0		43.4	43.5	44.2	44.7	45.0	45.3	45.3	45.3	45.4	45.5	45.5	45.6	45.7	45.7	45.7	
GE 16000	41.0		43.4	43.5	44.2	44.7	45.0	45.3	45.3	45.3	45.4	45.5	45.5	45.6	45.7	45.7	45.7	
GE 14000	41.3		43.6	43.7	44.4	44.9	45.3	45.5	45.5	45.5	45.6	45.7	45.7	45.9	46.0	46.0	46.0	
GE 12000	42.1		44.6	44.7	45.4	45.9	46.2	46.5	46.5	46.5	46.6	46.7	46.7	46.8	46.9	46.9	46.9	
GE 10000	45.5		48.8	48.9	49.8	50.2	50.6	50.8	50.8	50.8	51.1	51.2	51.2	51.3	51.4	51.5	51.5	
GE 9000	46.6		50.0	50.2	51.1	51.5	51.9	52.1	52.1	52.1	52.4	52.5	52.5	52.6	52.7	52.8	52.8	
GE 8000	47.2		50.8	51.2	52.0	52.5	52.6	53.2	53.2	53.2	53.4	53.5	53.5	53.7	53.8	53.9	53.9	
GE 7000	49.0		52.0	52.5	53.3	53.8	54.1	54.5	54.5	54.5	54.7	54.8	54.8	55.0	55.1	55.2	55.2	
GE 6000	48.5		52.7	53.2	54.0	54.5	54.8	55.2	55.2	55.2	55.6	55.7	55.7	55.8	55.9	56.0	56.0	
GE 5000	50.1		55.0	55.4	56.4	56.9	57.2	57.6	57.6	57.6	57.9	58.0	58.0	58.2	58.3	58.4	58.4	
GE 4500	51.4		56.4	56.9	57.8	58.3	58.6	59.0	59.0	59.0	59.3	59.5	59.5	59.6	59.7	59.8	59.8	
GE 4000	52.0		57.1	57.6	58.5	59.2	59.7	60.0	60.0	60.0	60.4	60.5	60.5	60.6	60.8	60.9	60.9	
GE 3500	53.1		58.7	59.2	60.2	60.9	61.5	61.8	61.8	62.2	62.3	62.3	62.4	62.5	62.6	62.6	62.6	
GE 3000	55.4		62.1	62.6	63.7	64.5	65.2	65.6	65.7	65.7	66.1	66.2	66.2	66.3	66.4	66.5	66.5	
GE 2500	57.3		65.4	66.5	67.5	68.4	69.6	70.0	70.1	70.2	70.6	70.7	70.7	70.8	70.9	71.0	71.0	
GE 2000	59.3		68.1	69.5	70.4	72.0	73.0	73.8	73.9	74.0	74.3	74.5	74.5	74.6	74.7	74.8	74.8	
GE 1800	60.5		69.6	71.2	72.1	73.6	74.7	75.5	75.7	75.8	76.1	76.2	76.2	76.4	76.5	76.6	76.6	
GE 1500	61.6		71.0	72.7	73.6	75.3	76.5	77.3	77.5	77.7	78.0	78.1	78.1	78.3	78.4	78.5	78.5	
GE 1200	63.0		73.2	74.9	76.0	77.9	79.2	80.1	80.5	80.6	81.0	81.1	81.1	81.2	81.3	81.4	81.4	
GE 1000	63.8		74.6	76.4	77.6	80.0	81.6	82.7	83.5	83.6	83.9	84.2	84.2	84.5	84.6	84.8	84.8	
GE 900	65.1		76.7	78.5	80.0	82.3	83.8	85.0	85.8	85.9	86.3	86.5	86.5	86.9	87.0	87.1	87.1	
GE 800	65.4		77.4	79.2	81.0	83.3	84.9	86.1	86.9	87.0	87.5	87.7	87.7	88.1	88.2	88.3	88.3	
GE 700	66.0		78.3	80.1	82.5	84.9	86.5	87.9	88.9	89.0	89.5	89.7	89.7	90.2	90.5	90.8	90.8	
GE 600	66.2		79.1	81.0	83.3	85.8	87.5	88.9	90.0	90.1	90.8	91.1	91.1	91.6	92.0	92.2	92.2	
GE 500	66.4		80.3	82.2	84.6	87.1	88.6	90.3	91.6	92.0	92.7	93.0	93.0	93.5	93.9	94.1	94.1	
GE 400	66.5		80.9	82.9	85.3	87.8	89.5	91.1	92.4	92.8	93.6	94.0	94.0	94.4	94.8	95.3	95.3	
GE 300	66.5		80.9	82.9	85.3	88.1	89.7	91.6	93.0	93.4	94.4	94.9	95.0	95.3	95.9	96.2	97.0	
GE 200	66.5		80.9	82.9	85.3	88.1	89.7	91.7	93.4	93.7	95.0	95.0	95.9	96.2	97.3	97.6	98.7	
GE 100	66.5		81.0	83.0	85.5	88.2	89.8	91.8	93.5	93.9	95.2	96.1	96.5	97.5	98.1	99.3	99.8	
GE 0	66.5		81.0	83.0	85.5	88.2	89.8	91.8	93.5	93.9	95.2	96.1	96.5	97.5	98.1	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECION FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8
NO CEIL	37.7	41.1	41.5	42.0	42.8	43.1	44.0	44.2	44.2	44.6	44.6	44.6	44.8	44.8	44.9
GE 20000	42.4	46.6	46.9	47.4	48.5	48.6	49.9	50.1	50.1	50.5	50.5	50.5	50.8	50.8	50.9
GE 18000	42.4	46.6	46.9	47.4	48.5	48.6	49.9	50.1	50.1	50.5	50.5	50.5	50.8	50.8	50.9
GE 16000	42.4	46.7	47.0	47.5	48.6	48.9	50.0	50.2	50.2	50.6	50.6	50.6	50.9	50.9	51.1
GE 14000	43.1	47.3	47.6	48.1	49.2	49.5	50.6	50.8	50.8	51.2	51.2	51.2	51.5	51.5	51.7
GE 12000	44.0	48.2	48.6	49.1	50.1	50.5	51.5	51.8	51.8	52.1	52.1	52.1	52.5	52.5	52.6
GE 10000	46.0	50.7	51.1	51.5	52.7	53.2	54.4	54.6	54.6	55.0	55.0	55.0	55.3	55.3	55.4
GE 9000	46.5	51.3	51.8	52.2	53.7	54.1	55.3	55.6	55.6	55.9	55.9	55.9	56.3	56.3	56.4
GE 8000	46.7	51.5	52.0	52.5	54.0	54.5	55.7	55.9	55.9	56.3	56.3	56.3	56.6	56.6	56.7
GE 7000	48.0	53.1	53.5	54.1	55.9	56.4	57.9	58.2	58.2	58.5	58.5	58.5	59.0	59.0	59.1
GE 6000	48.2	53.3	53.8	54.5	56.3	56.9	58.4	58.6	58.6	59.0	59.0	59.0	59.5	59.5	59.6
GE 5000	49.4	54.7	55.6	56.3	58.0	58.6	60.3	60.5	60.5	60.9	60.9	60.9	61.3	61.3	61.5
GE 4500	49.8	55.3	56.1	56.9	58.6	59.2	60.9	61.2	61.2	61.6	61.6	61.6	62.1	62.1	62.2
GE 4000	50.1	55.8	56.7	57.4	59.3	59.9	61.7	62.1	62.1	62.4	62.4	62.4	62.9	62.9	63.0
GE 3500	50.7	56.7	57.9	58.9	60.8	61.3	63.5	63.8	63.8	64.3	64.3	64.3	65.0	65.0	65.1
GE 3000	53.5	60.8	62.1	63.4	65.5	66.4	68.8	69.1	69.1	69.6	70.0	70.0	70.4	70.4	70.6
GE 2500	55.1	62.6	64.1	65.4	67.7	68.8	71.2	72.1	72.1	72.6	72.9	72.9	73.4	73.4	73.5
GE 2000	56.4	64.3	65.8	67.3	69.9	71.0	73.6	74.9	74.9	75.4	75.8	75.8	76.2	76.2	76.4
GE 1800	57.1	65.1	66.7	68.1	70.8	72.1	74.9	76.4	76.4	76.8	77.2	77.2	77.7	77.7	77.8
GE 1600	59.7	67.0	68.8	70.2	72.9	74.2	77.2	78.6	78.6	79.3	79.7	79.7	80.1	80.1	80.3
GE 1400	60.0	68.6	70.3	72.0	75.1	76.4	79.4	80.9	81.2	81.8	82.3	82.3	82.7	82.7	82.9
GE 1200	61.7	69.5	71.5	73.2	76.8	78.3	81.8	83.5	83.8	84.4	84.9	84.9	85.5	85.5	85.6
GE 1000	61.0	69.9	72.0	73.8	77.4	78.8	82.5	84.2	84.8	85.3	85.8	85.8	86.4	86.4	86.5
GE 900	61.7	70.8	73.2	75.2	79.0	80.4	84.3	85.9	86.8	87.6	88.3	88.3	89.0	89.0	89.1
GE 800	61.9	71.5	74.0	76.4	80.4	81.8	85.9	87.6	88.4	89.4	90.1	90.2	91.0	91.0	91.1
GE 700	62.1	71.9	74.3	76.7	80.9	82.4	86.6	88.4	89.5	90.8	91.5	91.6	92.6	92.6	92.8
GE 600	62.2	72.6	75.7	78.3	82.4	83.9	88.5	90.3	91.5	93.1	93.9	94.1	95.0	95.0	95.3
GE 500	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.3	92.6	94.6	95.4	95.6	96.7	96.7	96.9
GE 400	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.5	92.8	95.3	96.2	96.6	98.0	98.0	98.2
GE 300	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.6	92.9	95.4	96.5	96.9	98.6	98.6	99.6
GE 200	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.6	92.9	95.4	96.5	96.9	98.6	98.6	99.6
GE 100	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.6	92.9	95.4	96.5	96.9	98.6	98.6	99.6
GE 0	62.2	73.0	76.1	78.7	83.0	84.6	89.2	91.6	92.9	95.4	96.5	96.9	98.6	98.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
NO CEIL	38.4	43.0	44.2	45.2	45.7	45.7	46.6	46.8	46.8	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2
GE 20000	44.2	49.3	50.9	52.0	52.6	52.6	53.4	53.7	53.7	53.9	53.9	53.9	54.1	54.1	54.3	54.4	54.4
GE 18000	44.2	49.5	51.2	52.2	52.8	52.8	53.7	53.9	53.9	54.1	54.1	54.1	54.5	54.5	54.5	54.6	54.6
GE 16000	44.3	49.6	51.3	52.4	53.0	53.0	53.8	54.0	54.0	54.3	54.3	54.3	54.6	54.6	54.6	54.7	54.7
GE 14000	44.9	50.2	52.0	53.1	53.8	53.6	54.6	54.8	54.8	55.1	55.1	55.1	55.4	55.4	55.4	55.6	55.6
GE 12000	46.1	51.4	53.2	54.3	55.0	55.0	55.8	56.0	56.0	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7
GE 10000	47.4	53.0	54.7	55.8	56.5	56.5	57.3	57.7	57.7	57.9	57.9	57.9	58.3	58.3	58.3	58.4	58.4
GE 9000	47.4	53.4	55.7	56.9	57.7	57.7	58.5	58.9	58.9	59.1	59.1	59.1	59.5	59.5	59.5	59.6	59.6
GE 8000	48.6	54.4	56.6	57.8	58.6	58.6	59.5	59.8	59.8	60.0	60.0	60.0	60.4	60.4	60.4	60.5	60.5
GE 7000	49.8	55.9	58.2	59.3	60.2	60.2	61.0	61.3	61.3	61.6	61.6	61.6	61.9	61.9	61.9	62.1	62.1
GE 6000	49.9	56.1	58.5	59.7	60.5	60.5	61.5	61.9	61.9	62.2	62.2	62.2	62.5	62.5	62.5	62.6	62.6
GE 5000	50.8	57.6	60.0	61.2	62.1	62.2	63.0	63.5	63.5	63.7	63.7	63.7	64.1	64.1	64.1	64.2	64.2
GE 4000	51.1	58.0	60.6	61.8	62.8	63.0	63.9	64.4	64.4	64.7	64.7	64.7	65.0	65.0	65.0	65.1	65.1
GE 3000	51.2	58.9	61.7	62.9	64.1	64.3	65.2	65.7	65.7	66.0	66.0	66.0	66.3	66.3	66.3	66.4	66.4
GE 2000	51.5	59.3	62.2	63.5	64.8	65.1	66.1	66.5	66.5	66.8	66.8	66.8	67.1	67.1	67.1	67.3	67.3
GE 1000	52.5	60.5	63.7	65.0	66.4	66.6	67.7	68.4	68.4	68.7	68.7	68.7	69.1	69.1	69.1	69.4	69.4
GE 2500	53.7	62.3	65.6	67.0	68.7	69.0	70.0	70.7	70.7	71.0	71.0	71.0	71.2	71.5	71.6	71.7	71.7
GE 2000	55.6	64.7	68.1	69.9	71.6	72.3	73.3	74.0	74.0	74.3	74.5	74.6	74.9	75.1	75.1	75.2	75.2
GE 1800	56.1	66.0	69.5	71.4	73.2	74.1	75.1	76.2	76.2	76.6	76.7	76.8	77.2	77.3	77.4	77.4	77.4
GE 1600	57.9	68.6	72.3	74.6	76.6	77.7	78.6	79.8	79.8	80.4	80.6	80.7	81.1	81.2	81.3	81.3	81.3
GE 1400	59.6	71.0	75.1	77.3	79.6	80.6	81.7	83.0	83.0	83.6	83.8	83.9	84.4	84.5	84.6	84.6	84.6
GE 1200	60.2	72.7	77.3	79.6	81.9	83.1	84.6	85.9	86.1	87.1	87.4	87.5	88.1	88.2	88.4	88.4	88.4
GE 1000	60.4	73.4	78.1	80.5	83.1	84.5	86.3	87.6	87.7	88.0	88.5	88.6	89.2	89.3	89.5	89.5	89.5
GE 900	60.6	74.1	79.0	81.3	83.9	85.3	87.2	88.7	88.8	89.2	89.7	90.0	90.6	90.7	90.8	90.8	90.8
GE 800	60.9	74.6	79.8	82.4	85.1	86.6	88.7	90.4	90.5	91.0	91.5	92.0	92.7	92.7	93.3	93.6	93.6
GE 700	60.9	75.3	80.5	83.1	85.9	87.6	89.8	91.7	92.0	93.5	94.1	94.2	94.8	94.9	95.2	95.2	95.2
GE 600	61.6	76.7	82.0	84.8	87.7	89.5	92.0	93.9	94.2	95.7	96.5	96.6	97.2	97.3	97.5	97.5	97.5
GE 500	61.6	76.7	82.0	84.9	87.9	89.8	92.4	94.6	95.0	96.7	97.4	97.5	98.1	98.2	98.5	98.5	98.5
GE 400	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.2	98.8	98.9	99.2	99.5	99.5
GE 300	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.3	98.9	99.1	99.6	100.0	100.0
GE 200	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.3	98.9	99.1	99.6	100.0	100.0
GE 100	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.3	98.9	99.1	99.6	100.0	100.0
GE 0	61.6	76.7	82.2	85.0	88.1	90.1	92.7	94.9	95.4	97.2	98.0	98.3	98.9	99.1	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 7a-87
MONTH: FEB HOURS/LSST: 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	CE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	0	5	4	3	2	1 1/2	1 1/4	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	39.9		42.7	43.3	43.7	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	45.5	50.0	50.9	51.4	51.9	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.7	52.8	53.0	53.0
GE 18000	45.6	50.1	51.1	51.5	52.0	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.8	53.0	53.1	53.1
GE 16000	45.9	50.4	51.3	51.8	52.2	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.1	53.2	53.3	53.3
GE 14000	46.3	50.9	51.9	52.4	52.8	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.8	53.9	54.0	54.0
GE 12000	47.2	52.1	53.1	53.5	54.0	54.0	54.6	54.6	54.6	54.6	54.6	54.6	54.6	55.0	55.1	55.2	55.2
GE 10000	48.6	54.3	55.2	55.7	56.1	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.2	57.3	57.4	57.4
GE 9000	49.1	54.8	56.1	56.6	57.2	57.3	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.5	58.6	58.7	58.7
GE 8000	49.9	56.3	57.6	58.0	58.6	58.7	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.9	60.0	60.2	60.2
GE 7000	51.7	58.0	59.3	59.8	60.4	60.5	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.7	61.8	61.9	61.9
GE 6000	52.1	58.5	59.8	60.3	60.9	61.0	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.3	62.4	62.5	62.5
GE 5000	53.1	59.9	61.2	61.7	62.3	62.4	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.7	63.8	63.9	63.9
GE 4500	53.2	60.0	61.5	61.9	62.5	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	64.2	64.3	64.4	64.4
GE 4000	53.3	60.8	62.4	62.9	63.6	63.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	65.4	65.5	65.6	65.6
GE 3500	54.0	61.5	63.1	63.7	64.4	64.5	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.5	66.7	66.8	66.8
GE 3000	55.7	63.8	65.5	66.1	66.9	67.1	68.3	68.8	68.8	68.8	68.8	68.8	68.8	69.3	69.4	69.5	69.5
GE 2500	57.7	66.4	69.2	69.8	69.7	70.2	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.9	73.0	73.2	73.2
GE 2000	59.6	69.3	71.3	72.2	73.2	73.8	75.3	76.1	76.1	76.1	76.1	76.1	76.1	77.1	77.2	77.3	77.3
GE 1800	60.2	70.3	72.3	73.3	74.3	74.9	76.5	77.7	77.7	77.7	77.7	77.7	77.7	78.6	78.7	78.8	78.8
GE 1500	61.3	73.3	75.5	76.5	77.9	78.7	80.5	81.8	81.8	81.8	81.8	81.8	81.8	83.2	83.3	83.5	83.5
GE 1200	63.5	76.1	78.4	79.3	81.4	82.5	84.8	86.1	86.1	86.1	86.1	86.1	86.1	87.4	87.4	87.9	87.9
GE 1000	64.2	77.0	79.4	80.4	82.6	83.8	86.2	87.7	87.7	87.7	87.7	87.7	87.7	89.1	89.1	89.7	89.7
GE 900	64.7	77.8	80.5	81.4	83.8	85.2	87.6	89.1	89.1	89.1	89.1	89.1	89.1	90.7	90.7	91.3	91.3
GE 800	65.4	78.6	81.3	82.3	84.8	86.2	88.5	90.1	90.1	90.1	90.1	90.1	90.1	91.8	91.8	92.6	92.6
GE 700	65.6	78.7	81.4	82.4	84.9	86.4	88.9	90.4	90.7	90.7	90.7	90.7	90.7	92.4	92.4	93.4	93.5
GE 600	65.7	79.4	82.5	83.5	86.1	87.6	90.3	92.0	92.2	92.2	92.2	92.2	92.2	94.1	94.1	94.9	94.9
GE 500	66.4	80.1	83.2	84.3	86.9	88.5	91.6	93.3	93.5	93.5	93.5	93.5	93.5	96.1	96.2	96.5	96.6
GE 400	66.4	80.4	83.6	84.8	87.6	89.2	92.6	94.4	94.8	94.8	94.8	94.8	94.8	97.2	97.2	98.3	98.3
GE 300	66.4	80.4	83.6	84.8	87.6	89.4	92.8	94.8	95.2	95.2	95.2	95.2	95.2	98.1	98.1	98.9	98.9
GE 200	66.4	80.4	83.6	84.8	87.6	89.4	92.8	94.8	95.2	95.2	95.2	95.2	95.2	98.1	98.1	99.3	99.6
GE 100	66.4	80.4	83.6	84.8	87.6	89.4	92.8	94.8	95.2	95.2	95.2	95.2	95.2	98.1	98.1	99.3	99.6
GE 50	66.4	80.4	83.6	84.8	87.6	89.4	92.8	94.8	95.2	95.2	95.2	95.2	95.2	98.1	98.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 946

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB POLYR (EST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.7	44.7	45.0	45.5	45.6	45.9	45.9	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	45.9	49.4	50.1	50.6	50.7	50.9	50.9	51.2	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4
GE 18000	46.3	49.9	50.6	51.1	51.2	51.4	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9
GE 16000	46.3	49.9	50.6	51.1	51.2	51.4	51.4	51.7	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9
GE 14000	46.5	50.2	50.9	51.4	51.5	51.8	51.8	52.0	52.0	52.0	52.1	52.1	52.1	52.2	52.2	52.2
GE 12000	47.2	50.9	51.7	52.1	52.2	52.5	52.6	52.6	52.8	52.8	53.0	53.0	53.0	53.1	53.1	53.1
GE 10000	48.7	53.0	53.7	54.1	54.3	54.5	54.6	54.8	54.8	54.8	55.0	55.0	55.0	55.1	55.1	55.1
GE 9000	49.4	53.8	54.5	55.0	55.1	55.3	55.4	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9
GE 8000	50.8	55.4	56.3	56.7	57.0	57.3	57.4	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9
GE 7000	52.7	57.7	58.7	59.3	59.6	60.0	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6	60.6
GE 6000	53.4	58.6	59.7	60.3	60.5	61.0	61.1	61.3	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6
GE 5000	54.6	59.9	61.0	61.6	61.8	62.3	62.4	62.6	62.6	62.6	62.8	62.8	62.8	62.9	62.9	62.9
GE 4500	55.8	61.1	62.4	63.0	63.2	63.7	63.8	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.3
GE 4000	56.1	62.3	63.7	64.3	64.5	65.0	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6
GE 3500	57.2	63.4	64.8	65.4	65.6	66.1	66.2	66.4	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.7
GE 3000	58.9	65.8	67.6	68.2	68.6	69.0	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6
GE 2500	61.6	69.3	71.4	72.1	72.7	73.4	73.5	73.8	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0
GE 2000	63.6	72.3	74.4	75.9	76.5	77.3	77.4	77.7	77.7	77.7	77.9	78.0	78.0	78.0	78.1	78.1
GE 1800	64.4	73.2	76.2	77.2	77.8	78.6	78.7	79.1	79.1	79.1	79.3	79.4	79.4	79.6	79.6	79.6
GE 1600	66.0	75.5	79.3	80.3	81.0	81.8	82.0	82.4	82.4	82.4	82.7	82.9	82.9	83.1	83.2	83.2
GE 1400	68.1	78.6	82.6	83.7	84.5	85.5	85.7	86.1	86.1	86.1	86.5	86.6	86.6	86.9	87.0	87.0
GE 1200	69.0	80.5	84.8	86.1	87.0	88.1	88.4	88.8	88.8	88.8	89.2	89.6	89.6	89.8	90.1	90.1
GE 1000	69.1	80.7	85.2	86.6	87.7	88.6	89.1	89.7	89.7	89.7	90.2	90.5	90.5	90.8	91.0	91.0
GE 900	69.6	81.3	85.8	87.2	88.3	89.5	90.0	90.5	90.5	90.5	91.0	91.4	91.5	91.7	92.0	92.0
GE 800	69.7	82.0	86.8	88.2	89.2	90.5	91.1	91.8	91.8	91.8	92.4	92.9	93.0	93.3	93.6	93.6
GE 700	70.3	82.6	87.4	88.9	90.0	91.5	92.3	93.1	93.1	93.1	93.9	94.3	94.6	94.8	95.2	95.2
GE 600	71.2	83.5	88.2	89.8	90.9	92.4	93.3	94.1	94.1	94.1	94.8	95.3	95.5	95.7	96.1	96.1
GE 500	71.3	83.6	88.3	90.0	91.1	92.8	94.1	94.9	94.9	94.9	95.7	96.2	96.5	96.7	97.0	97.0
GE 400	71.3	83.7	88.8	90.7	91.8	93.6	95.3	96.2	96.2	96.2	97.4	98.1	98.3	98.7	99.1	99.1
GE 300	71.3	83.7	88.8	90.7	91.8	93.6	95.3	96.2	96.2	96.2	97.4	98.2	98.5	98.9	99.3	99.3
GE 200	71.3	83.7	88.8	90.7	91.8	93.6	95.3	96.2	96.2	96.2	97.4	98.2	98.5	99.1	99.5	99.6
GE 100	71.3	83.7	88.8	90.7	91.8	93.6	95.3	96.2	96.2	96.2	97.4	98.2	98.5	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB HOURS: 1200-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2	GE 9
NO CEIL	45.5	48.5	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.2	49.2	49.2	49.2	49.3	49.4
GE 20000	47.6	50.7	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.5	51.7
GE 18000	48.3	51.4	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.2	52.4
GE 16000	48.3	51.4	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.2	52.4
GE 14000	48.5	51.7	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.4	52.4	52.4	52.4	52.5	52.6
GE 12000	49.3	52.5	52.6	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.3	53.4
GE 10000	51.1	54.6	54.7	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.4	55.6
GE 9000	51.5	55.1	55.2	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.9	56.0
GE 8000	52.1	55.8	56.0	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.9	57.0
GE 7000	53.2	56.9	57.1	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.2	58.3
GE 6000	54.1	58.3	58.5	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.6	59.6	59.6	59.6	59.7	59.8
GE 5000	56.0	60.4	60.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9	61.9	61.9	61.9	62.1	62.2
GE 4500	58.3	63.4	63.6	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	65.0	65.1
GE 4000	58.7	64.1	64.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.8	66.0
GE 3500	59.5	65.2	65.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	67.0	67.1
GE 3000	61.5	68.1	68.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.1	70.2
GE 2500	63.4	70.8	71.2	72.3	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.3	73.4
GE 2000	66.2	75.1	75.4	76.7	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.7	77.8
GE 1800	66.5	75.9	76.4	77.7	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.7	78.7	78.8	79.0
GE 1500	68.3	78.0	78.6	80.0	80.5	80.6	80.9	80.9	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.6	81.7
GE 1200	71.0	81.6	82.3	84.3	84.9	85.0	85.2	85.2	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.9	86.1
GE 1000	71.6	82.9	83.9	85.9	86.8	87.0	87.2	87.5	87.5	87.7	87.9	87.9	88.1	88.1	88.2	88.2	88.3
GE 900	73.2	84.9	85.9	87.9	88.8	89.0	89.2	89.6	89.6	89.8	90.2	90.2	90.3	90.3	90.4	90.5	90.5
GE 800	73.5	85.5	86.6	88.9	89.7	90.0	90.2	90.5	90.5	90.5	91.0	91.5	91.5	91.6	91.6	91.7	91.8
GE 700	73.6	85.8	87.0	89.2	90.1	90.3	90.5	90.9	90.9	90.9	91.6	92.2	92.2	92.3	92.3	92.4	92.6
GE 600	74.2	86.6	87.8	90.7	91.5	91.8	92.2	92.6	92.7	93.4	94.1	94.1	94.2	94.2	94.3	94.4	94.4
GE 500	74.5	87.0	88.2	91.0	91.8	92.4	92.8	93.5	93.6	94.4	95.3	95.3	95.5	95.5	95.6	95.7	95.7
GE 400	74.8	87.6	88.9	91.7	93.1	93.9	94.2	94.9	95.0	95.9	96.7	96.7	97.0	97.0	97.2	97.3	97.3
GE 300	74.8	87.7	89.0	91.8	93.3	94.0	94.7	95.6	95.6	96.6	97.4	97.4	97.8	97.8	97.9	98.0	98.0
GE 200	74.8	87.7	89.0	91.8	93.3	94.0	94.7	95.6	95.6	96.9	97.9	97.9	98.2	98.2	98.3	98.5	98.5
GE 100	74.8	87.7	89.0	91.8	93.3	94.0	94.8	95.7	95.9	97.2	98.1	98.2	98.7	98.7	98.9	99.1	99.1
GE	CI	74.8	87.7	89.0	91.8	93.3	94.0	94.8	95.7	95.9	97.2	98.1	98.2	98.7	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	40.8	43.9	44.3	44.8	45.2	45.3	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.9	45.9	46.0
GE 20000	44.3	47.9	48.4	49.0	49.4	49.5	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.3	50.3	50.4
GE 18000	44.5	48.1	48.7	49.2	49.6	49.7	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.5	50.5	50.6
GE 16000	44.6	48.2	48.7	49.2	49.6	49.8	50.1	50.2	50.2	50.3	50.4	50.4	50.4	50.5	50.6	50.7
GE 14000	45.0	48.6	49.2	49.7	50.1	50.3	50.7	50.8	50.8	50.9	50.9	50.9	51.0	51.1	51.1	51.2
GE 12000	45.7	49.5	50.1	50.6	51.0	51.2	51.5	51.6	51.6	51.7	51.8	51.8	51.9	52.0	52.0	52.1
GE 10000	47.8	52.1	52.7	53.2	53.6	53.8	54.2	54.3	54.3	54.4	54.5	54.5	54.7	54.7	54.8	54.8
GE 9000	49.4	52.8	53.5	54.1	54.6	54.8	55.2	55.3	55.3	55.4	55.5	55.5	55.6	55.7	55.7	55.8
GE 8000	49.2	53.8	54.6	55.1	55.7	55.9	56.3	56.4	56.4	56.5	56.6	56.6	56.7	56.8	56.8	56.9
GE 7000	50.5	55.4	56.2	56.9	57.4	57.6	58.1	58.2	58.2	58.3	58.4	58.4	58.6	58.6	58.7	58.7
GE 6000	51.1	56.1	57.0	57.6	58.2	58.4	58.9	59.1	59.1	59.2	59.2	59.2	59.4	59.5	59.5	59.6
GE 5000	52.3	57.8	58.7	59.5	60.1	60.3	60.8	61.0	61.0	61.1	61.2	61.2	61.3	61.4	61.4	61.5
GE 4000	53.4	59.2	60.2	60.9	61.5	61.8	62.3	62.5	62.5	62.6	62.7	62.7	62.9	62.9	63.0	63.0
GE 3000	53.9	60.1	61.2	62.0	62.8	63.0	63.6	63.8	63.8	63.9	64.0	64.0	64.2	64.2	64.3	64.4
GE 2000	54.7	61.2	62.4	63.2	64.0	64.3	65.0	65.2	65.2	65.3	65.4	65.4	65.6	65.6	65.7	65.8
GE 1000	56.6	63.9	65.3	66.2	67.1	67.5	68.2	68.5	68.5	68.6	68.7	68.7	68.9	69.0	69.0	69.1
GE 2500	58.6	66.7	68.2	69.2	70.3	70.8	71.5	71.9	71.9	72.1	72.2	72.2	72.4	72.4	72.5	72.6
GE 2000	60.6	69.4	71.1	72.3	73.5	74.1	74.9	75.3	75.4	75.6	75.7	75.8	75.9	76.0	76.0	76.1
GE 1800	61.5	70.6	72.5	73.7	74.9	75.5	76.4	77.0	77.0	77.3	77.4	77.4	77.6	77.7	77.7	77.8
GE 1600	63.1	72.9	75.0	76.2	77.5	78.3	79.3	80.0	80.0	80.4	80.5	80.6	80.8	80.8	80.9	81.0
GE 1400	64.8	75.4	77.6	79.0	80.6	81.4	82.5	83.2	83.3	83.7	83.9	84.0	84.2	84.2	84.3	84.4
GE 1200	65.6	76.7	79.2	80.7	82.6	83.6	85.0	85.8	85.9	86.4	86.7	86.7	87.0	87.1	87.2	87.3
GE 1000	66.3	77.8	80.4	82.0	84.0	85.0	86.5	87.4	87.5	88.1	88.4	88.4	88.7	88.8	88.9	89.0
GE 800	66.7	78.5	81.1	83.0	85.0	86.0	87.5	88.5	88.7	89.4	89.8	89.8	90.2	90.2	90.3	90.4
GE 700	67.0	79.1	81.8	83.9	86.1	87.2	88.9	89.9	90.1	90.9	91.3	91.4	91.8	91.9	92.1	92.1
GE 600	67.4	79.9	82.7	84.9	87.2	88.4	90.2	91.3	91.5	92.5	92.7	93.0	93.5	93.6	93.7	93.8
GE 500	67.8	80.6	83.5	85.8	88.2	89.4	91.4	92.6	92.9	94.0	94.5	94.5	95.1	95.2	95.3	95.4
GE 400	67.9	80.9	83.9	86.3	88.8	90.1	92.3	93.6	94.0	95.1	95.7	95.8	96.3	96.5	96.6	96.7
GE 300	67.9	81.0	84.0	86.5	89.0	90.4	92.7	94.2	94.6	96.0	96.7	96.9	97.5	97.6	97.9	98.1
GE 200	67.9	81.0	84.0	86.5	89.1	90.4	92.8	94.4	94.8	96.3	97.1	97.3	98.1	98.3	98.7	98.9
GE 100	67.9	81.0	84.1	86.5	89.1	90.4	92.8	94.5	94.9	96.5	97.3	97.5	98.4	98.7	99.3	99.6
GE 0	67.9	81.0	84.1	86.5	89.1	90.4	92.8	94.5	94.9	96.5	97.3	97.5	98.4	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13
NO CEIL	44.7	50.3	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.1
GE 20000	49.8	53.7	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.4	54.6
GE 18000	49.9	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.5	54.7
GE 16000	49.9	53.8	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.5	54.7
GE 14000	50.1	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.9
GE 12000	50.3	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	55.1	55.1	55.2
GE 10000	52.8	57.1	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.8	57.8	58.0
GE 9000	54.0	58.4	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.1	59.1	59.4
GE 8000	54.6	59.0	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.8	59.8	60.0
GE 7000	56.5	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.6	61.6	61.8
GE 6000	57.5	62.2	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.9	62.9	63.1
GE 5000	59.4	64.1	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.8	64.8	65.1
GE 4500	61.1	65.4	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.8	66.9	66.9	67.1
GE 4000	61.7	66.7	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.5	67.6	67.6	67.8
GE 3500	63.4	68.4	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.4	69.5	69.5	69.7
GE 3000	67.2	72.6	72.9	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.7	73.7	73.8	74.0
GE 2500	69.8	75.5	75.9	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.7	76.8	76.8	77.0
GE 2000	72.2	78.1	78.5	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.6	79.7	79.7	79.9
GE 1800	72.9	79.1	79.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.6	80.8	80.8	81.0
GE 1500	74.7	81.4	81.8	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.1	83.2	83.2	83.4
GE 1200	75.3	82.3	82.9	83.7	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.6	84.7	84.7	84.9
GE 1000	76.1	83.8	84.9	85.9	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.1	87.2	87.3	87.5
GE 900	76.6	84.9	86.1	87.2	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.4	88.5	88.5	88.9
GE 800	76.9	85.4	86.8	88.1	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.4	89.5	89.5	90.0
GE 700	77.1	86.0	87.6	88.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.4	90.5	90.5	91.0
GE 600	77.3	86.3	88.2	89.5	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.1	91.1	91.6
GE 500	77.5	86.9	88.8	90.6	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.4	92.5	92.5	93.0
GE 400	77.5	87.3	89.2	91.1	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	93.0	93.1	93.1	93.6
GE 300	77.5	87.6	89.6	91.6	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.6	93.7	93.7	94.2
GE 200	77.5	87.6	89.6	91.6	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.7	93.8	93.8	94.3
GE 100	77.5	87.6	89.6	91.6	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.8	93.9	93.9	94.4
GE	77.5	87.6	89.6	91.6	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.8	93.9	93.9	94.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FLECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2
NO CEIL	47.3	46.5	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.8
GE 20000	44.9	49.1	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.5
GE 18000	44.9	49.1	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.5
GE 16000	44.9	49.1	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.5
GE 14000	45.4	49.6	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	51.0
GE 12000	46.0	50.3	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.7
GE 10000	50.3	54.6	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	56.0
GE 9000	51.2	55.5	56.2	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.9
GE 8000	52.0	56.3	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.8
GE 7000	53.7	58.0	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.6
GE 6000	55.1	59.5	60.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.4
GE 5000	57.4	62.0	62.9	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.8	63.8	64.0
GE 4500	58.8	63.4	64.3	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.2	65.2	65.4
GE 4000	59.2	64.0	64.8	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	66.0
GE 3500	61.2	66.2	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.1	68.1	68.3
GE 3000	64.9	70.6	71.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.8	72.8	73.0
GE 2500	66.3	72.4	73.5	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.9	74.9	75.2
GE 2000	68.6	75.2	76.5	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.2	78.2	78.6
GE 1800	69.9	76.5	77.8	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.4	79.4	80.1
GE 1600	70.9	77.7	79.2	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.9	80.9	81.5
GE 1400	72.6	80.3	81.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.2	84.2	84.4
GE 1200	73.8	81.8	83.4	84.9	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.7	86.7	87.0
GE 1000	73.9	82.4	84.3	85.6	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.8	87.8	88.2
GE 900	74.2	83.2	85.1	87.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	89.4	89.4	90.1
GE 800	74.4	84.2	86.2	88.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	91.3	91.3	91.7
GE 700	74.4	84.5	86.6	89.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	92.6	92.6	93.1
GE 600	74.6	85.3	87.4	90.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	94.3	94.3	94.9
GE 500	74.8	85.6	87.7	90.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	95.1	95.1	96.5
GE 400	74.8	86.0	88.2	91.1	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	96.0	96.0	97.4
GE 300	74.8	86.0	88.3	91.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	96.9	96.9	98.6
GE 200	74.8	86.0	88.3	91.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	97.8	97.8	99.4
GE 100	74.8	86.0	88.3	91.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.1	43.5	44.3	45.1	45.3	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.8	45.9	46.1	46.1
GE 20000	42.7	46.3	47.1	47.8	48.1	48.2	48.2	48.3	48.3	48.3	48.4	48.4	48.6	48.7	48.9	48.9
GE 18000	42.7	46.3	47.1	47.8	48.1	48.2	48.2	48.3	48.3	48.3	48.4	48.4	48.6	48.7	48.9	48.9
GE 16000	42.8	46.5	47.2	48.0	48.2	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.7	48.8	49.0	49.0
GE 14000	43.7	47.3	48.1	48.8	49.0	49.1	49.1	49.2	49.2	49.2	49.4	49.4	49.6	49.7	49.9	49.9
GE 12000	44.4	48.2	48.9	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.4	50.5	50.8	50.8
GE 10000	47.4	51.4	52.3	53.0	53.2	53.3	53.3	53.4	53.5	53.5	53.7	53.7	53.9	54.0	54.2	54.2
GE 9000	48.7	52.7	53.5	54.3	54.5	54.6	54.6	54.7	54.8	54.8	54.9	54.9	55.2	55.3	55.5	55.5
GE 8000	50.3	54.4	55.3	56.0	56.2	56.3	56.3	56.5	56.6	56.6	56.7	56.7	56.9	57.0	57.2	57.2
GE 7000	52.3	56.3	57.2	58.0	58.2	58.3	58.3	58.4	58.5	58.5	58.6	58.6	58.8	58.9	59.1	59.1
GE 6000	53.8	58.3	59.1	59.9	60.1	60.2	60.2	60.3	60.4	60.5	60.6	60.6	60.9	61.0	61.2	61.2
GE 5000	55.2	60.1	61.1	61.9	62.3	62.4	62.4	62.5	62.6	62.7	62.8	62.8	63.0	63.1	63.3	63.3
GE 4500	55.9	61.0	61.9	62.8	63.1	63.2	63.2	63.3	63.4	63.5	63.7	63.7	63.9	64.0	64.2	64.2
GE 4000	57.2	62.5	63.4	64.3	64.7	64.8	64.8	64.9	65.1	65.2	65.3	65.3	65.5	65.6	65.8	65.8
GE 3500	58.6	64.0	65.1	66.0	66.6	66.7	66.7	66.8	66.9	67.0	67.1	67.1	67.3	67.4	67.6	67.6
GE 3000	61.7	67.5	68.7	69.8	70.4	70.5	70.5	70.6	70.8	70.9	71.0	71.0	71.2	71.3	71.5	71.5
GE 2500	63.8	70.4	71.6	72.8	73.7	73.9	73.9	74.0	74.2	74.3	74.4	74.4	74.6	74.7	74.9	74.9
GE 2000	65.7	72.9	74.2	75.4	76.2	76.5	76.5	76.6	76.8	77.0	77.1	77.1	77.4	77.5	77.7	77.7
GE 1800	66.8	74.1	75.4	76.6	77.4	77.6	77.6	77.7	78.0	78.2	78.3	78.3	78.6	78.7	78.9	78.9
GE 1600	68.0	75.6	77.2	78.5	79.6	79.8	79.9	80.0	80.2	80.4	80.5	80.5	80.9	81.0	81.2	81.2
GE 1400	69.0	77.6	79.7	81.2	82.4	82.6	82.7	82.8	83.0	83.2	83.3	83.3	83.7	83.8	84.0	84.0
GE 1200	70.4	79.4	81.4	82.9	84.1	84.6	84.8	85.2	85.4	85.6	85.7	85.7	86.0	86.1	86.3	86.3
GE 1000	70.8	80.0	82.0	83.8	84.9	85.6	86.0	86.3	86.9	87.1	87.2	87.2	87.5	87.6	87.8	87.8
GE 900	70.8	80.2	82.4	84.2	85.4	86.1	86.8	87.2	87.7	88.0	88.1	88.1	88.5	88.6	88.8	88.8
GE 800	70.9	80.9	83.1	85.1	86.2	87.2	88.0	88.6	89.1	89.6	89.9	89.9	90.3	90.4	90.6	90.6
GE 700	71.0	81.3	83.7	85.7	87.0	88.1	88.9	89.8	90.3	91.0	91.1	91.1	91.6	91.7	91.9	91.9
GE 600	71.4	82.0	84.4	86.7	88.0	89.0	90.1	91.0	91.5	92.4	92.6	92.6	93.1	93.3	93.5	93.5
GE 500	71.4	82.4	84.7	87.1	89.6	89.7	90.9	91.9	92.7	93.8	94.0	94.0	94.5	94.7	94.9	94.9
GE 400	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	94.9	95.3	95.3	95.9	96.1	96.3	96.3
GE 300	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	94.9	95.4	95.4	95.9	96.1	96.3	96.3
GE 200	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	94.9	95.4	95.4	95.9	96.1	96.3	96.3
GE 100	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	94.9	95.4	95.4	95.9	96.1	96.3	96.3
GE 0	71.4	82.6	85.2	87.5	89.1	90.2	91.5	92.8	93.8	94.9	95.4	95.4	95.9	96.1	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 0930-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
GE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NO CLIL	43.4	45.4	45.7	46.1	46.3	46.6	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0	
GE 20000	46.9	49.2	49.8	50.2	50.4	50.6	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1	
GE 18000	46.9	49.2	49.8	50.2	50.4	50.6	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1	
GE 16000	46.9	49.4	49.9	50.3	50.5	50.8	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	
GE 14000	48.2	50.6	51.2	51.6	51.8	52.0	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5	
GE 12000	48.8	51.3	52.0	52.5	52.7	52.9	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.3	
GE 10000	50.2	53.3	54.1	54.5	54.7	54.9	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	
GE 9000	51.5	55.1	55.8	56.2	56.5	56.7	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.1	
GE 8000	52.2	55.8	56.6	57.0	57.2	57.4	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	
GE 7000	54.0	57.7	58.5	58.9	59.1	59.4	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	
GE 6000	54.6	58.6	59.5	59.9	60.1	60.3	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8	
GE 5000	55.7	60.1	61.0	61.4	61.6	61.8	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.3	
GE 4000	56.9	61.4	62.3	62.7	62.9	63.1	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	
GE 3500	57.5	62.6	63.4	63.9	64.1	64.3	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7	
GE 3000	59.1	64.4	65.4	65.8	66.0	66.2	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	
GE 2500	60.9	66.5	67.5	68.1	68.4	68.6	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	69.0	
GE 2000	61.7	68.3	69.9	70.5	70.9	71.1	71.5	71.8	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	72.0	
GE 1800	64.1	71.6	73.4	74.4	74.8	75.1	75.5	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.2	
GE 1600	64.4	72.6	74.5	75.5	76.1	76.3	76.8	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.5	
GE 1400	65.6	74.5	76.7	77.8	78.6	78.8	79.2	80.0	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.5	
GE 1200	67.1	77.0	79.1	80.5	81.5	81.7	82.3	83.0	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.8	
GE 1000	67.8	78.1	80.5	81.7	82.7	83.1	83.8	84.5	84.5	84.6	85.1	85.1	85.2	85.2	85.2	85.2	85.5	
GE 900	68.6	78.6	81.5	82.7	83.7	84.2	84.4	85.9	85.9	86.3	86.7	86.7	86.9	86.9	86.9	86.9	87.2	
GE 800	69.0	79.7	82.6	83.9	84.9	85.7	86.6	87.6	87.6	88.0	88.5	88.5	88.9	88.9	89.2	89.2	89.6	
GE 700	69.0	79.9	83.0	84.5	85.7	86.6	87.6	89.2	89.5	90.1	90.4	90.5	90.9	90.9	90.9	90.9	91.2	
GE 600	69.1	80.1	83.3	84.6	86.1	87.0	88.2	89.8	90.2	91.0	91.3	91.4	91.7	91.7	91.7	91.7	92.0	
GE 500	69.5	80.4	83.7	85.4	87.0	88.1	89.4	91.0	91.5	92.5	92.9	93.0	93.4	93.4	93.4	93.4	93.8	
GE 400	69.5	80.6	84.2	86.0	87.6	88.7	90.2	92.4	92.9	93.9	94.5	94.6	95.3	95.3	95.3	95.3	95.6	
GE 300	69.5	80.6	84.2	86.2	87.8	88.9	90.5	93.1	93.7	95.1	95.7	95.8	96.8	96.8	96.8	96.8	97.1	
GE 200	69.5	80.6	84.2	86.2	87.8	88.9	90.5	93.4	94.0	95.7	96.8	96.9	98.2	98.2	98.2	98.2	98.6	
GE 100	69.5	80.6	84.2	86.2	87.8	88.9	90.5	93.4	94.0	95.7	96.8	96.9	98.2	98.2	98.2	98.5	99.6	
GE	69.5	80.6	84.2	86.2	87.8	88.9	90.5	93.4	94.0	95.7	96.8	96.9	98.2	98.2	98.2	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CLIL	44.1	46.5	47.2	47.4	47.6	47.6	47.8	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4
GE 2000	49.8	52.5	53.5	53.8	54.0	54.0	54.2	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
GE 1800	49.9	52.6	53.7	53.9	54.1	54.1	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
GE 1600	49.9	52.6	53.7	53.9	54.1	54.1	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
GE 1400	50.5	53.2	54.3	54.5	54.7	54.7	54.9	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
GE 1200	51.4	54.1	55.2	55.4	55.6	55.6	55.8	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
GE 1000	52.6	55.5	56.6	56.8	57.1	57.1	57.3	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE 900	54.3	57.4	58.5	58.7	59.0	59.0	59.2	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
GE 800	54.6	58.3	59.4	59.6	59.9	59.9	60.1	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 700	55.3	58.9	60.0	60.2	60.6	60.6	60.9	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4
GE 600	55.5	59.1	60.2	60.4	60.9	60.9	61.1	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 500	56.5	60.6	61.8	62.0	62.5	62.5	62.7	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
GE 450	57.3	61.3	62.5	62.9	63.3	63.4	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
GE 400	57.6	61.8	63.1	63.5	64.0	64.1	64.3	64.6	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2
GE 350	58.5	63.0	64.3	64.7	65.2	65.3	65.5	65.8	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3
GE 300	60.4	65.2	66.5	66.9	67.3	67.5	67.7	68.1	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6
GE 250	62.3	67.2	68.8	69.2	69.8	70.1	70.3	70.9	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6
GE 200	66.2	72.4	74.1	74.6	75.2	75.6	75.8	76.3	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1
GE 180	67.6	74.2	75.9	76.5	77.0	77.4	77.6	78.2	78.3	78.6	78.9	78.9	78.9	78.9	78.9	78.9
GE 160	69.7	76.9	78.6	79.5	80.3	80.8	81.0	81.5	81.7	82.0	82.4	82.4	82.4	82.4	82.4	82.4
GE 140	71.7	80.0	81.7	82.6	83.7	84.1	84.3	84.9	85.2	85.8	86.3	86.3	86.3	86.3	86.3	86.3
GE 120	72.6	81.6	83.3	84.5	85.4	85.9	86.1	86.9	87.1	87.7	88.6	88.6	88.6	88.6	88.6	88.6
GE 100	73.3	82.6	84.4	85.7	86.8	87.3	87.5	88.3	88.5	89.1	90.0	90.0	90.1	90.1	90.1	90.1
GE 80	73.8	83.2	85.3	86.7	88.0	88.6	89.0	89.9	90.2	91.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 70	74.2	84.2	86.2	87.7	89.0	90.0	90.2	91.2	91.5	92.8	94.1	94.1	94.2	94.2	94.2	94.2
GE 60	74.2	84.4	86.8	88.5	89.9	90.9	91.3	92.3	92.6	94.1	95.4	95.4	95.5	95.5	95.5	95.5
GE 50	74.2	84.9	87.3	89.0	90.4	91.5	91.9	93.4	93.8	95.3	96.6	96.6	96.7	96.7	96.7	96.7
GE 40	74.2	84.9	87.3	89.5	91.1	92.2	92.7	94.4	94.9	96.3	97.6	97.7	97.8	97.8	97.8	97.8
GE 30	74.2	84.9	87.3	89.5	91.3	92.6	93.2	94.9	95.4	96.9	98.2	98.4	98.5	98.5	98.5	98.5
GE 20	74.2	84.9	87.3	89.5	91.3	92.6	93.2	94.9	95.4	97.1	98.6	99.0	99.2	99.2	99.6	99.7
GE 10	74.2	84.9	87.3	89.5	91.3	92.6	93.2	94.9	95.4	97.1	98.7	99.1	99.4	99.4	99.8	99.9
GE 0	74.2	84.9	87.3	89.5	91.3	92.6	93.2	94.9	95.4	97.1	98.7	99.1	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.5	45.2	45.4	45.4	45.7	45.7	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000	50.3	52.9	53.1	53.2	53.5	53.5	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.5	54.5	54.5
GE 18000	50.4	53.0	53.2	53.3	53.7	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6
GE 16000	50.4	53.0	53.2	53.3	53.7	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6
GE 14000	50.4	53.0	53.2	53.3	53.7	53.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6
GE 12000	50.6	53.2	53.5	53.8	54.1	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	55.1	55.1	55.1
GE 10000	51.0	54.2	54.5	54.7	55.1	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.0
GE 9500	53.5	56.8	57.1	57.3	57.6	57.6	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.6
GE 8500	54.8	58.2	58.7	58.9	59.2	59.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.2	60.2	60.2
GE 7500	55.8	59.1	59.7	60.0	60.3	60.4	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.5	61.5	61.5
GE 6500	56.5	59.9	60.4	60.9	61.2	61.3	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.4	62.4	62.4
GE 5500	58.2	61.8	62.4	62.9	63.1	63.2	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.4	64.4	64.4
GE 4500	58.6	62.5	63.0	63.4	63.9	64.1	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.3	65.3	65.3
GE 4000	59.4	63.3	63.9	64.3	64.7	64.9	65.6	65.7	65.8	65.8	65.8	65.8	65.8	66.2	66.2	66.2
GE 3500	60.2	64.2	64.7	65.4	65.8	66.0	66.7	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.3	67.3
GE 3000	63.5	67.8	68.4	69.0	69.7	69.9	70.5	70.6	70.8	70.9	70.9	70.9	71.0	71.3	71.3	71.3
GE 2500	67.0	72.2	72.7	73.3	74.0	74.3	74.9	75.1	75.2	75.3	75.3	75.4	75.4	75.7	75.7	75.7
GE 2000	70.9	76.6	77.3	78.0	78.7	79.1	80.0	80.2	80.3	80.4	80.4	80.4	80.4	80.9	80.9	80.9
GE 1800	71.9	78.3	79.1	79.8	80.5	81.0	81.8	82.0	82.2	82.3	82.3	82.4	82.4	82.7	82.7	82.7
GE 1500	73.7	80.3	81.2	81.9	82.7	83.1	84.0	84.2	84.4	84.5	84.5	84.6	84.6	84.9	84.9	84.9
GE 1200	74.2	82.5	83.5	84.4	85.6	86.2	87.3	87.7	88.0	88.2	88.3	88.3	88.3	88.6	88.6	88.6
GE 1000	74.8	83.3	84.7	85.6	86.8	87.4	88.6	89.1	89.4	89.9	90.1	90.2	90.5	90.5	90.5	90.5
GE 950	76.1	84.9	86.8	87.7	88.9	89.7	91.0	91.5	91.7	92.4	92.6	92.7	93.0	93.0	93.0	93.0
GE 900	76.2	85.4	87.4	88.4	89.7	90.5	91.9	92.6	92.8	93.4	93.7	93.8	94.1	94.1	94.1	94.1
GE 800	76.2	85.7	88.2	89.4	90.8	91.7	93.2	93.9	94.1	94.8	95.2	95.3	95.6	95.6	95.6	95.6
GE 600	76.2	86.0	88.8	90.2	91.8	93.0	94.6	95.7	96.0	96.9	97.2	97.3	97.6	97.6	97.7	97.7
GE 500	76.2	86.0	88.8	90.2	91.8	93.2	94.8	95.9	96.2	96.2	97.1	97.4	97.5	97.8	97.8	98.0
GE 400	76.2	86.0	88.8	90.2	91.8	93.2	94.8	95.9	96.2	96.2	97.1	97.4	97.5	97.8	97.8	98.0
GE 300	76.2	86.0	88.8	90.2	91.8	93.2	94.8	95.9	96.2	96.2	97.1	97.4	97.5	97.8	97.8	98.0
GE 200	76.2	86.0	88.8	90.2	91.8	93.2	94.8	95.9	96.2	96.2	97.1	97.4	97.5	97.8	97.8	98.0
GE 100	76.2	86.0	88.8	90.2	91.8	93.2	94.8	95.9	96.2	96.2	97.1	97.4	97.5	97.8	97.8	98.0
GE 01	76.2	86.0	88.8	90.2	91.8	93.2	94.8	95.9	96.2	96.2	97.1	97.4	97.5	97.8	97.8	98.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOLRLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(IST): 1900-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	47.1	49.4	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	51.3	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8
GE 18000	51.3	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8
GE 16000	51.3	54.3	54.3	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8
GE 14000	51.4	54.4	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	54.9	54.9
GE 12000	52.3	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8
GE 10000	53.6	57.0	57.1	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6
GE 9000	54.6	58.1	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7
GE 8000	56.0	59.6	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.2	60.2	60.2
GE 7000	57.3	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5
GE 6000	57.7	61.3	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9	61.9	61.9
GE 5000	59.6	63.3	63.4	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.7	64.0	64.0
GE 4500	60.3	64.3	64.4	64.5	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.2	65.2	65.2
GE 4000	61.0	65.1	65.2	65.3	65.5	65.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	66.2	66.2	66.2
GE 3500	62.7	67.2	67.3	67.6	67.8	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.6	68.6	68.6
GE 3000	66.2	71.5	72.0	72.3	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.4	73.4	73.4
GE 2500	69.4	74.8	75.4	75.7	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.7	77.0	77.0	77.0
GE 2000	71.8	78.7	79.2	79.7	80.4	80.5	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.3	81.3	81.3
GE 1800	72.8	79.8	80.4	81.2	81.9	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.9	82.9	82.9
GE 1600	74.3	81.7	82.4	83.3	84.4	84.6	85.2	85.4	85.4	85.4	85.4	85.4	85.5	85.8	85.8	85.8
GE 1400	74.1	83.1	84.1	85.2	86.2	86.9	87.2	87.6	87.6	87.6	87.6	87.6	87.7	88.1	88.1	88.1
GE 1200	75.9	85.2	86.3	87.4	88.7	89.4	89.8	90.3	90.3	90.3	90.3	90.3	90.4	90.8	90.8	90.8
GE 1000	76.6	86.1	87.5	88.6	89.9	90.6	91.1	91.8	91.8	91.8	91.8	91.8	91.9	92.3	92.3	92.3
GE 900	77.0	86.9	88.4	89.8	91.2	91.9	92.5	93.2	93.2	93.2	93.2	93.2	93.3	93.7	93.7	93.7
GE 800	77.2	87.7	89.5	90.9	92.4	93.1	93.7	94.4	94.4	94.4	94.4	94.4	94.5	94.9	94.9	94.9
GE 700	77.2	87.7	89.7	91.3	92.9	94.0	94.5	95.4	95.5	95.5	95.5	95.5	95.8	96.2	96.2	96.2
GE 600	77.2	87.8	90.0	91.6	93.2	94.3	95.5	96.5	96.6	96.6	96.6	96.6	96.7	97.6	97.6	97.6
GE 500	77.2	87.8	90.0	91.6	93.4	94.5	95.7	96.8	96.9	96.9	96.9	96.9	97.7	97.6	98.3	98.3
GE 400	77.2	88.0	90.3	91.9	93.9	94.8	96.7	97.3	97.4	97.4	97.4	97.4	98.1	98.4	98.8	98.8
GE 300	77.2	88.0	90.3	91.9	93.9	94.9	96.1	97.4	97.5	97.5	97.5	97.5	98.4	98.6	99.7	99.7
GE 200	77.2	88.0	90.3	91.9	93.9	94.9	96.1	97.4	97.5	97.5	97.5	97.5	98.4	98.6	99.7	99.7
GE 100	77.2	88.0	90.3	91.9	93.9	94.9	96.1	97.4	97.5	97.5	97.5	97.5	98.4	98.6	99.7	99.7
GE 0	77.2	88.0	90.3	91.9	93.9	94.9	96.1	97.4	97.5	97.5	97.5	97.5	98.4	98.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	47.7	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 20000	50.6	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	53.7
GE 18000	50.6	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	53.7
GE 16000	50.6	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	53.7
GE 14000	50.6	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.7	53.7	53.7	53.8	53.8	53.8	53.8
GE 12000	51.1	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1
GE 10000	53.1	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3	56.3	56.5	56.5	56.5	56.5
GE 9000	53.7	56.1	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 8000	54.8	57.3	57.5	57.7	57.7	57.7	57.7	57.7	57.7	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 7000	56.8	59.2	59.5	59.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.1	60.1	60.1	60.1
GE 6000	57.6	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.9	60.9	60.9	61.0	61.0	61.0	61.0
GE 5000	59.7	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.0
GE 4500	61.3	64.4	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5
GE 4000	62.0	65.3	65.6	65.9	65.9	65.9	65.9	65.9	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3
GE 3500	63.8	67.3	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4
GE 3000	64.0	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.7	73.7	73.7	73.8	73.8	73.8	73.8
GE 2500	69.7	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.1
GE 2000	72.4	78.3	78.6	79.2	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.8
GE 1800	73.3	79.4	79.7	80.3	80.4	80.4	80.4	80.4	80.4	80.8	80.8	80.8	80.9	80.9	80.9	80.9
GE 1600	75.3	81.7	82.6	83.2	83.5	83.5	83.5	83.5	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0
GE 1400	76.6	83.3	84.6	85.5	85.9	85.9	85.9	85.9	86.1	86.1	86.5	86.5	86.5	86.6	86.6	86.6
GE 1200	78.1	85.4	87.1	88.1	88.5	88.5	88.5	88.5	88.7	88.7	89.0	89.0	89.0	89.1	89.1	89.1
GE 1000	78.5	86.7	88.0	89.6	90.2	90.2	90.2	90.2	90.4	90.4	91.0	91.0	91.0	91.1	91.1	91.1
GE 900	78.6	87.2	89.2	90.2	91.0	91.1	91.2	91.5	91.5	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 800	79.1	87.8	90.0	91.0	91.7	91.8	92.0	92.4	92.4	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 600	79.4	88.5	91.0	91.9	92.8	93.1	93.4	94.0	94.0	94.7	94.8	94.8	94.9	94.9	94.9	94.9
GE 500	79.4	89.1	92.2	93.4	94.5	94.8	95.2	95.7	95.7	96.5	96.7	96.7	96.8	96.8	96.8	96.8
GE 400	79.5	89.2	92.3	93.5	94.6	94.9	95.6	96.2	96.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5
GE 300	79.5	89.2	92.5	93.8	95.1	95.4	96.0	96.9	97.0	98.0	98.2	98.2	98.4	98.5	98.5	98.5
GE 200	79.5	89.2	92.5	93.8	95.1	95.4	96.0	96.9	97.0	98.0	98.3	98.4	99.0	99.4	99.4	99.4
GE 100	79.5	89.2	92.5	93.8	95.1	95.4	96.0	96.9	97.0	98.0	98.4	98.5	99.1	99.5	99.7	99.7
GE 0	79.5	89.2	92.5	93.8	95.1	95.4	96.0	96.9	97.0	98.0	98.4	98.5	99.1	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	44.4	47.1	47.5	47.8	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.3	48.3	48.3
GE 0000	48.3	51.4	51.8	52.2	52.3	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.8	52.8	52.9
GE 1000	48.3	51.4	51.9	52.2	52.3	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.9	52.9
GE 1600	48.3	51.5	51.9	52.2	52.4	52.4	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.8	52.9	52.9
GE 1400	48.8	51.9	52.4	52.7	52.8	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.3	53.3	53.4	53.4
GE 1200	49.4	52.5	53.0	53.3	53.5	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.9	54.0	54.0	54.0
GE 1000	51.4	54.6	55.4	55.7	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.4	56.4	56.5
GE 900	52.7	56.3	56.8	57.1	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.8	57.8	57.9
GE 800	53.7	57.4	57.9	58.3	58.4	58.5	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.9	59.0	59.0
GE 700	55.7	58.9	59.5	59.8	60.0	60.0	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.6
GE 600	56.0	59.9	60.5	60.8	61.0	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.5	61.6	61.6	61.7
GE 500	57.7	61.8	62.4	62.8	63.0	63.0	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.7
GE 400	58.5	63.0	63.7	64.1	64.3	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.8	64.9	65.0	65.0
GE 300	59.5	63.9	64.6	65.0	65.2	65.3	65.5	65.6	65.6	65.7	65.7	65.8	65.8	66.0	66.0	66.0
GE 200	60.9	65.6	66.3	66.5	67.0	67.1	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.8	67.8	67.9
GE 100	64.1	69.3	70.1	70.6	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.6	71.6	71.7	71.8	71.8
GE 000	66.1	72.0	72.9	73.5	73.9	74.0	74.2	74.4	74.5	74.6	74.7	74.7	74.9	74.9	74.9	74.9
GE 000	69.8	75.5	76.5	77.2	77.7	77.9	78.1	78.3	78.4	78.6	78.7	78.7	78.8	78.9	78.9	78.9
GE 1000	70.0	76.7	77.8	78.6	79.1	79.3	79.6	79.9	79.9	80.0	80.1	80.1	80.3	80.3	80.3	80.4
GE 1500	71.5	78.7	80.0	80.4	81.5	81.6	82.1	82.3	82.4	82.6	82.7	82.7	82.9	82.9	82.9	83.0
GE 1200	72.7	80.8	82.2	83.3	84.1	84.4	84.7	85.1	85.2	85.4	85.5	85.6	85.7	85.7	85.8	85.8
GE 1000	74.7	82.3	84.0	85.1	86.0	86.4	86.8	87.3	87.4	87.6	87.8	87.9	88.0	88.1	88.1	88.2
GE 900	74.3	83.3	85.1	86.4	87.3	87.8	88.2	88.8	88.9	89.3	89.4	89.5	89.7	89.7	89.8	89.8
GE 800	74.6	83.9	85.9	87.3	88.4	88.9	89.5	90.1	90.3	90.7	91.0	91.0	91.2	91.3	91.3	91.4
GE 700	74.8	84.6	86.7	88.2	89.4	90.0	90.7	91.5	91.7	92.3	92.5	92.6	92.8	92.8	92.9	93.0
GE 600	74.9	84.9	87.2	88.9	90.2	90.9	91.7	92.6	92.9	93.6	93.9	94.0	94.2	94.2	94.3	94.4
GE 500	75.0	85.3	87.6	89.6	91.0	91.8	92.8	93.8	94.1	95.0	95.3	95.4	95.7	95.7	95.8	95.8
GE 400	75.0	85.5	88.0	90.0	91.5	92.3	93.5	94.7	95.0	96.0	96.4	96.4	96.7	96.8	96.9	96.9
GE 300	75.0	85.6	88.3	90.2	91.9	92.6	93.9	95.1	95.7	96.8	97.3	97.4	97.8	97.8	97.9	98.0
GE 200	75.0	85.6	88.3	90.2	91.9	92.7	94.0	95.5	95.9	97.2	97.8	98.0	98.7	98.8	98.9	99.0
GE 100	75.0	85.6	88.3	90.2	91.9	92.7	94.0	95.6	96.0	97.2	97.9	98.1	98.8	99.0	99.4	99.7
GE 000	75.0	85.6	88.3	90.2	91.9	92.7	94.0	95.6	96.0	97.2	97.9	98.1	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 76-87
MONTH: APR POLARS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2	GE 6	GE 6 1/2	GE 7	GE 7 1/2	GE 8	GE 8 1/2
NO CEIL	58.0	59.2	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	61.3	62.6	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	61.6	62.8	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	61.6	62.8	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	62.2	63.4	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	63.2	64.4	65.0	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	67.1	68.4	69.0	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	67.8	69.1	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	70.0	71.3	71.9	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
GE 7000	72.7	74.1	74.7	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	77.9	75.3	75.9	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	75.4	77.1	77.7	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	77.4	79.3	79.9	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	78.3	80.3	80.9	81.4	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 3500	79.6	81.9	82.4	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	81.0	83.6	84.3	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	83.2	86.1	86.9	87.7	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	84.3	87.6	88.6	89.3	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	84.9	88.3	89.6	90.3	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1600	85.3	89.1	90.3	91.1	91.6	91.6	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1200	86.6	90.4	91.7	92.4	93.0	93.0	93.0	93.0	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	87.7	91.6	92.9	93.8	94.3	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	88.2	92.2	93.6	94.4	95.0	95.0	95.0	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	88.3	92.3	93.7	94.7	95.2	95.2	95.2	95.2	95.2	95.6	95.7	95.8	95.8	95.8	95.8	95.8
GE 700	88.3	92.7	94.1	95.2	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.3	96.4	96.4	96.4	96.4
GE 600	88.6	93.1	94.6	96.4	97.1	97.1	97.1	97.1	97.1	97.8	97.8	97.9	98.0	98.0	98.0	98.0
GE 500	88.6	93.3	95.0	96.8	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.3	98.4	98.4	98.4	98.4
GE 400	88.7	93.6	95.2	97.0	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.8	98.9	98.9	98.9	98.9
GE 300	88.7	93.8	95.4	97.4	98.4	98.4	98.4	98.4	98.4	99.1	99.1	99.2	99.4	99.4	99.4	99.4
GE 200	88.7	93.8	95.4	97.4	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.3	99.6	99.6	99.6	99.6
GE 100	88.7	93.6	95.4	97.4	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.3	99.6	99.6	99.6	99.6
GE 0	88.7	93.8	95.4	97.4	98.4	98.4	98.4	98.4	98.4	99.2	99.2	99.3	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 3/8	GE 1 1/2	GE 1 5/8	GE 1 3/4	GE 1 7/8	GE 2	GE 2 1/8	GE 2 1/4	GE 2 3/8	GE 2 1/2	GE 2 5/8	GE 2 3/4	GE 2 7/8
NO CEIL	55.7	57.4	57.9	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	57.9	59.7	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	57.9	59.7	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	57.9	59.7	60.1	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 14000	58.6	60.3	60.8	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	59.4	61.6	62.0	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	62.8	64.7	65.2	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 9000	63.7	65.6	66.1	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	66.6	68.8	69.3	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	68.4	71.1	71.7	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	69.2	72.1	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	71.1	74.1	74.7	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	72.7	75.8	76.3	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	73.9	77.0	77.7	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3500	75.0	78.1	78.8	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	77.3	80.9	81.6	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	80.0	83.8	84.4	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000	81.4	85.9	86.7	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	82.0	86.6	87.3	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1600	82.9	87.9	88.7	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1400	83.6	89.0	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	84.4	89.8	90.6	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	85.1	90.7	91.4	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	86.0	91.8	92.7	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 800	86.1	92.2	93.1	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	86.1	92.8	94.1	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	86.2	93.1	94.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 500	86.3	93.7	95.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 400	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 200	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 100	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 70	86.3	93.8	95.2	96.4	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 76-87
MONTH: APR HOURS(EST): 0600-0900

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	51.9		53.9	53.9	54.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.9
GE 20000	56.8	59.1	59.1	59.1	59.4	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.1
GE 18000	57.1	59.4	59.4	59.4	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.4
GE 16000	57.1	59.4	59.4	59.4	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.4
GE 14000	57.6	59.9	59.9	59.9	60.2	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.9
GE 12000	57.9	60.2	60.3	60.3	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.3
GE 10000	62.4	64.6	65.1	65.4	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2
GE 9000	63.7	66.2	66.6	66.9	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.6
GE 8000	65.6	68.2	68.6	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.6
GE 7000	66.6	69.6	69.9	70.2	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.0
GE 6000	67.8	71.2	71.7	72.0	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.9
GE 5000	69.0	72.7	73.1	73.4	73.9	74.0	74.1	74.1	74.1	74.1	74.4	74.4	74.4	74.6	74.7	74.8
GE 4500	70.0	74.0	74.4	74.6	75.2	75.3	75.4	75.4	75.4	75.4	75.8	75.8	75.8	75.9	76.0	76.1
GE 4000	71.2	75.6	76.1	76.6	77.0	77.1	77.2	77.2	77.2	77.2	77.6	77.6	77.6	77.7	77.8	77.9
GE 3500	71.7	76.0	76.6	77.0	77.4	77.6	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.1	78.2	78.3
GE 3000	73.9	78.3	78.9	79.3	79.8	79.9	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.4	80.5	80.6
GE 2500	76.4	81.2	82.0	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.4	83.4	83.4	83.6	83.7	83.8
GE 2000	78.3	83.3	84.2	84.7	85.2	85.3	85.6	85.6	85.6	85.6	85.9	85.9	85.9	86.0	86.1	86.2
GE 1800	79.1	84.3	85.2	85.7	86.2	86.3	86.6	86.6	86.6	86.6	86.9	86.9	86.9	87.0	87.1	87.2
GE 1600	80.4	85.0	86.1	87.1	87.7	88.2	88.3	88.7	88.7	88.7	89.0	89.1	89.1	89.2	89.3	89.4
GE 1400	81.2	87.2	88.3	88.9	89.4	89.7	90.0	90.0	90.0	90.0	90.3	90.4	90.4	90.6	90.7	90.8
GE 1200	81.4	88.1	89.3	89.9	90.4	90.7	91.0	91.0	91.0	91.0	91.3	91.4	91.4	91.6	91.7	91.8
GE 1000	82.2	89.6	90.8	91.3	91.9	92.1	92.6	92.6	92.6	92.6	92.9	93.0	93.0	93.1	93.2	93.3
GE 900	82.6	90.2	91.6	92.1	92.7	93.0	93.4	93.6	93.7	93.7	94.0	94.1	94.1	94.3	94.4	94.5
GE 800	82.9	90.8	92.1	92.7	93.3	93.8	94.2	94.3	94.4	94.4	94.9	95.0	95.1	95.3	95.4	95.5
GE 700	83.3	91.4	93.0	93.7	94.3	94.6	95.4	95.6	95.7	95.7	96.2	96.3	96.3	96.9	97.0	97.1
GE 600	83.6	92.0	93.6	94.2	95.1	95.7	96.4	96.6	96.7	97.0	97.4	97.7	97.7	97.9	98.0	98.1
GE 500	83.6	92.2	93.8	94.6	95.6	96.1	96.9	97.3	97.1	97.7	97.9	98.1	98.3	98.4	98.6	98.7
GE 400	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	98.0	98.2	98.4	98.7	98.8	99.0	99.1
GE 300	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	98.0	98.2	98.4	98.7	98.8	99.0	99.1
GE 200	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	98.0	98.2	98.4	98.7	98.8	99.0	99.1
GE 100	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	98.0	98.2	98.4	98.7	98.8	99.0	99.1
GE 71	83.6	92.2	93.8	94.7	95.9	96.4	97.2	97.3	97.4	98.0	98.2	98.4	98.7	98.8	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSATCTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-67
MONTH: APR HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.7	55.8	56.0	56.0	56.1	56.1	56.1	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	59.8	61.9	62.1	62.1	62.2	62.2	62.2	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	60.0	62.1	62.3	62.3	62.4	62.4	62.4	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 16000	60.2	62.3	62.6	62.6	62.7	62.7	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 14000	60.6	62.7	62.9	62.9	63.0	63.0	63.0	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 12000	60.8	63.0	63.2	63.2	63.3	63.3	63.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 10000	63.9	66.0	66.3	66.3	66.4	66.4	66.4	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	64.7	66.9	67.2	67.2	67.3	67.3	67.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	66.0	68.3	68.7	68.7	68.9	68.9	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	68.1	70.6	70.9	71.1	71.2	71.2	71.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	68.6	71.0	71.3	71.6	71.7	71.7	71.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	69.6	72.2	72.6	72.8	72.9	73.1	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	70.6	73.2	73.6	73.8	73.9	74.1	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	71.6	74.2	74.6	74.8	74.9	75.1	75.4	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2000	72.3	75.1	75.4	75.7	75.8	76.0	76.3	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1000	73.3	76.2	76.6	76.9	77.1	77.3	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2500	75.9	79.4	79.8	80.1	80.3	80.6	80.9	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	79.9	83.6	83.9	84.2	84.4	84.7	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	80.8	84.6	84.9	85.2	85.4	85.8	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1600	82.2	86.2	86.7	87.0	87.6	87.9	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1400	83.0	87.7	88.1	88.6	89.3	89.7	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	83.8	89.0	89.4	89.9	91.0	91.3	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	84.9	90.4	91.1	91.6	92.7	93.2	94.0	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	85.2	91.0	91.7	92.1	93.2	93.8	94.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	86.1	92.3	93.0	93.4	94.9	95.4	96.2	96.6	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	86.3	92.9	93.6	94.1	95.4	96.1	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 100	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 0	86.3	93.2	94.0	94.7	96.0	96.8	97.8	98.1	98.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4
NO CEIL	51.0	51.3	51.4	51.6	51.7	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	57.4	58.3	58.4	58.6	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	57.4	58.3	58.4	58.6	58.7	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	57.7	58.6	58.7	58.8	58.9	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 14000	58.4	59.3	59.4	59.6	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 12000	59.1	60.0	60.1	60.2	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	61.3	62.3	62.4	62.6	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	62.4	63.4	63.6	63.7	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	64.1	65.1	65.2	65.3	65.4	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	65.9	66.9	67.0	67.1	67.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	66.7	67.7	67.8	67.9	68.0	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	69.0	69.1	69.2	69.4	69.6	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	68.9	70.0	70.1	70.3	70.4	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4000	71.4	72.6	72.8	73.0	73.1	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	74.2	75.3	75.6	75.8	75.9	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 3000	76.6	77.9	78.1	78.3	78.4	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	80.6	82.2	82.4	82.7	82.8	83.1	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2000	83.2	85.0	85.2	85.4	85.6	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	85.1	87.1	87.4	87.7	87.9	88.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	86.2	88.7	89.1	89.4	89.8	90.2	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	87.4	90.2	90.7	91.1	91.4	91.9	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	88.4	91.6	92.3	92.6	93.4	93.9	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	89.6	93.0	93.9	94.6	95.3	95.8	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	89.8	93.3	94.2	95.0	95.8	96.2	97.1	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	90.0	93.6	94.6	95.3	96.2	96.9	97.8	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	90.0	93.8	94.6	95.9	96.8	97.6	98.6	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0
GE 0	90.0	93.9	94.9	96.0	97.0	97.9	99.0	99.3	99.3	99.4	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 74-87
MONTH: APR HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	47.7	48.0	48.1	48.7	48.8	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	56.9	57.2	57.3	57.9	58.0	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	57.0	57.3	57.4	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	57.0	57.3	57.4	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	57.9	58.2	58.3	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 12000	59.0	59.3	59.4	60.0	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 10000	61.7	62.6	62.7	63.2	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	63.3	64.6	64.7	65.2	65.3	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 8000	64.7	66.0	66.1	66.7	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	66.2	67.6	67.7	68.2	68.3	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 6000	68.0	69.4	69.6	70.1	70.2	70.3	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 5000	70.2	71.7	71.8	72.3	72.4	72.6	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 4500	73.4	74.9	75.0	75.6	75.7	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 4000	74.8	76.3	76.4	77.0	77.1	77.2	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3500	76.7	78.7	78.9	79.4	79.6	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 3000	80.2	82.3	82.6	83.1	83.2	83.3	83.4	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2500	83.4	85.9	86.1	86.7	86.9	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	86.3	88.9	89.2	89.8	90.0	90.1	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	86.8	89.6	89.9	90.4	91.0	91.1	91.2	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	89.0	91.3	91.7	92.2	92.8	92.9	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	88.9	92.7	93.2	93.6	94.3	94.4	94.7	94.9	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	89.0	93.2	93.9	94.4	95.0	95.1	95.4	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	89.8	94.1	94.6	95.3	95.9	96.0	96.3	96.4	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	89.9	94.3	95.0	95.6	96.1	96.2	96.7	96.9	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	89.9	94.8	95.4	96.0	96.6	96.7	97.2	97.6	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	89.9	95.0	95.7	96.6	97.1	97.2	97.8	98.3	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	89.9	95.0	95.7	96.6	97.1	97.2	97.8	98.3	98.3	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	89.9	95.0	95.8	96.7	97.2	97.4	98.0	98.6	98.6	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	89.9	95.0	95.2	96.7	97.2	97.4	98.0	98.7	98.8	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	89.9	95.0	95.8	96.7	97.2	97.4	98.0	98.6	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.9	95.0	95.8	96.7	97.2	97.4	98.0	98.8	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CEIL	53.1	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 2000	62.0	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 1800	62.1	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1600	62.1	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 1400	62.4	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 1200	63.3	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 1000	67.6	68.7	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 900	69.1	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 800	71.0	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 700	73.8	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 600	75.4	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 500	78.2	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 450	80.6	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 400	81.4	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 350	83.2	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 300	85.1	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 250	87.3	89.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 200	88.9	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 180	89.1	92.1	92.6	92.9	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 150	90.0	93.4	93.9	94.3	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 120	90.6	94.7	95.1	95.7	95.8	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 100	90.6	95.1	95.6	96.2	96.3	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 90	90.9	95.7	96.1	96.6	96.9	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 80	90.9	96.0	96.6	97.3	97.4	97.8	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 70	90.9	96.0	96.6	97.3	97.4	97.6	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 60	90.9	96.0	96.7	97.8	97.9	98.2	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
GE 50	91.0	96.1	96.8	97.9	98.0	98.3	98.9	99.1	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
GE 40	91.0	96.1	96.9	98.0	98.1	98.4	99.0	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
GE 30	91.0	96.2	97.0	98.1	98.2	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 20	91.0	96.2	97.0	98.1	98.2	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 10	91.0	96.2	97.0	98.1	98.2	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 0	91.0	96.2	97.0	98.1	98.2	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 20000	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	66.0	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	66.0	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	66.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	70.9	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	73.4	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 7000	76.8	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	78.9	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	80.3	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	81.6	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	82.6	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	84.0	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	85.9	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	88.1	90.2	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	89.0	91.2	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	89.6	92.0	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1600	90.0	93.2	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1400	90.4	94.3	95.4	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	90.6	94.6	95.8	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	91.1	95.6	96.8	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	91.1	95.7	96.9	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	91.1	95.9	97.1	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	91.1	96.0	97.3	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	91.1	96.2	97.6	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	91.1	96.2	97.6	98.7	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	91.1	96.4	97.8	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.0	55.1	55.3	55.5	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
GE 20000	59.7	60.9	61.1	61.4	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 18000	59.9	61.1	61.3	61.6	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0
GE 16000	59.9	61.2	61.4	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 14000	60.5	61.8	62.0	62.2	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6
GE 12000	61.3	62.5	62.8	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
GE 10000	64.5	65.9	66.2	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
GE 9000	65.7	67.2	67.5	67.7	67.8	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2
GE 8000	67.7	69.3	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3
GE 7000	69.8	71.6	71.9	72.2	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6
GE 6000	71.1	72.9	73.2	73.5	73.6	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1
GE 5000	72.7	74.7	75.0	75.3	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 4500	74.4	76.5	76.8	77.2	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 4000	75.7	77.9	78.2	78.6	78.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.2
GE 3500	77.1	79.5	79.8	80.2	80.3	80.4	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.8	80.8	80.8
GE 3000	79.2	81.8	82.2	82.6	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 2500	81.9	84.8	85.3	85.7	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
GE 2000	83.9	87.1	87.7	88.1	88.3	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9
GE 1800	84.7	88.1	88.7	89.2	89.4	89.6	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 1500	85.6	89.5	90.2	90.7	91.0	91.2	91.4	91.5	91.5	91.6	91.7	91.7	91.7	91.7	91.8	91.8
GE 1200	86.5	90.6	91.5	92.1	92.5	92.7	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.4
GE 1000	87.0	91.6	92.5	93.1	93.6	93.6	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.6	94.6
GE 900	87.7	92.7	93.6	94.2	94.7	94.9	95.4	95.5	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9
GE 800	88.0	93.1	94.0	94.7	95.2	95.5	96.0	96.1	96.1	96.3	96.4	96.4	96.5	96.5	96.6	96.6
GE 700	88.2	93.5	94.5	95.2	95.8	96.1	96.6	96.8	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3
GE 600	88.3	93.9	95.0	96.0	96.6	96.9	97.5	97.7	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3
GE 500	88.3	94.1	95.2	96.3	96.9	97.3	98.0	98.2	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.9
GE 400	88.4	94.2	95.4	96.5	97.2	97.6	98.2	98.4	98.5	98.8	98.9	99.0	99.2	99.2	99.2	99.3
GE 300	88.4	94.3	95.5	96.6	97.4	97.8	98.5	98.7	98.7	99.1	99.3	99.4	99.5	99.6	99.6	99.7
GE 200	88.4	94.3	95.5	96.6	97.4	97.8	98.5	98.7	98.8	99.2	99.4	99.5	99.7	99.7	99.8	99.9
GE 100	88.4	94.3	95.5	96.6	97.4	97.8	98.5	98.7	98.8	99.2	99.5	99.5	99.7	99.7	99.9	100.0
GE 0	88.4	94.3	95.5	96.6	97.4	97.8	98.5	98.7	98.8	99.3	99.5	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	57.8	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	63.3	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	63.3	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	63.3	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	63.3	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 12000	64.8	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	67.6	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 9000	68.8	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 8000	71.8	72.4	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	73.2	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	74.8	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	78.1	80.2	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4500	79.7	81.9	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	80.5	82.8	83.1	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3500	81.6	84.1	84.4	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	83.2	85.9	86.3	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	84.6	87.8	88.3	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2000	86.5	90.0	90.6	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	86.8	90.4	91.2	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	87.3	91.2	91.9	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	88.4	92.4	93.1	93.8	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	89.1	93.7	94.5	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	89.6	94.2	95.1	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	89.9	94.7	95.7	96.6	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	90.1	95.1	96.0	96.9	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	90.4	95.4	96.3	97.2	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	91.4	95.5	96.5	97.3	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	90.4	95.9	97.0	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	90.4	96.2	97.3	98.4	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	90.4	96.3	97.4	98.5	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.4	96.3	97.4	98.5	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	90.4	96.3	97.4	98.5	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GF 3	GF 4	GF 5	GF 6	GF 7	GF 8	GF 9	GF 10	GF 11	GF 12	GF 13	GF 14	GF 15	GF 16
NO CEIL	52.2	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0
GE 20000	57.6	58.9	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.9
GE 18000	57.6	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.9
GE 16000	57.6	58.9	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.9
GE 14000	58.1	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.3
GE 12000	58.8	60.1	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.1
GE 10000	63.3	64.8	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	66.0
GE 9000	65.1	66.9	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	68.1
GE 8000	68.6	70.8	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.9
GE 7000	72.4	74.6	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	76.0
GE 6000	74.0	76.5	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.8
GF 5000	76.9	79.8	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.4
GE 4500	78.5	81.4	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	83.1
GE 4000	79.1	82.2	82.9	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	84.0
GE 3500	80.2	83.5	84.3	84.7	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.5
GE 3000	81.4	84.9	85.7	86.1	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.9
GE 2500	82.5	86.5	87.2	87.7	88.0	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.8
GE 2000	83.9	88.1	88.8	89.4	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.4
GE 1800	84.3	88.6	89.4	89.9	90.1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	91.0
GE 1600	85.4	89.7	90.4	91.1	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	92.2
GE 1400	86.7	91.1	91.8	92.5	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.7
GE 1200	87.6	92.4	93.2	93.9	94.2	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	95.1
GE 1000	88.0	92.8	93.7	94.3	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.5
GE 800	88.4	93.4	94.4	95.2	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.5
GE 700	88.8	94.1	95.1	96.0	96.3	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.3
GE 600	89.2	94.9	96.0	97.0	97.3	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.4
GE 500	89.2	95.3	96.3	97.0	97.4	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.9
GE 400	89.4	95.5	96.6	97.6	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8
GE 300	89.4	95.5	96.6	97.6	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8
GE 200	89.4	95.5	96.6	97.6	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8
GE 100	89.4	95.5	96.6	97.6	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.8
GE C	89.4	95.5	96.6	97.6	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE C
NO CEIL		50.2	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	57.1	59.4	59.6	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 18000	57.1	59.4	59.6	59.6	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	57.2	59.5	59.7	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	58.9	61.1	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	59.1	61.6	61.9	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 10000	62.9	66.3	66.7	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.2	67.2
GE 9000	65.4	69.0	69.5	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	70.0	70.0	70.0
GE 8000	67.7	71.5	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.5	72.5	72.5
GE 7000	70.3	74.4	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4
GE 6000	71.4	75.8	76.2	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.8	76.8	76.8
GE 5000	73.1	77.7	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9	78.9	78.9
GE 4500	73.8	78.5	79.0	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9	79.9	79.9
GE 4000	74.8	79.7	80.2	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.1	81.1	81.1
GE 3500	75.1	80.0	80.6	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.5	81.5	81.5
GE 3000	76.0	81.3	81.9	82.3	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.1	83.1	83.1
GE 2500	77.5	83.2	84.0	84.4	84.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.3
GE 2000	79.0	84.6	85.6	86.0	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.0	87.0	87.0
GE 1800	79.9	85.8	86.6	87.0	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	88.0	88.0	88.0
GE 1500	82.6	88.5	89.2	89.7	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.6	90.6	90.6
GE 1200	84.1	90.4	91.3	91.7	92.0	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9	92.9	92.9
GE 1000	85.3	91.6	92.5	93.1	93.4	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.4	94.4	94.4
GE 900	85.6	92.2	93.0	93.7	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.9	94.9	94.9
GE 800	86.0	92.6	93.4	94.2	94.5	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.5	95.5	95.5
GE 700	86.6	93.4	94.5	95.4	95.7	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.8	96.8	96.8
GE 600	86.9	94.1	95.5	96.6	97.0	97.2	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.3	98.3	98.3
GE 500	86.9	94.3	95.7	96.9	97.4	97.6	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.8	98.8	98.8
GE 400	86.9	94.3	95.7	97.1	97.6	98.2	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.4	99.4	99.4
GE 300	86.9	94.3	95.7	97.1	97.7	98.6	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8
GE 200	86.9	94.3	95.7	97.1	97.7	98.7	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE 100	86.9	94.3	95.7	97.1	97.7	98.7	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE C	86.9	94.3	95.7	97.1	97.7	98.7	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(UT): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0			
NO CLIL	53.0	53.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3			
GE 20000	60.3	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3			
GE 18000	60.3	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3			
GE 16000	60.3	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3			
GE 14000	61.4	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4			
GE 12000	62.4	63.9	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4			
GE 10000	65.9	67.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1			
GE 9000	67.6	69.6	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1			
GE 8000	69.6	71.6	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2			
GE 7000	70.3	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1			
GE 6000	71.0	73.2	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2			
GE 5000	72.9	75.4	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3			
GE 4500	73.9	76.5	76.9	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4			
GE 4000	75.1	77.8	78.3	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8			
GE 3500	75.7	78.6	79.0	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6			
GE 3000	76.9	80.0	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0			
GE 2500	78.7	81.8	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9			
GE 2000	80.8	84.2	84.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4			
GE 1800	81.9	85.5	86.1	86.5	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8			
GE 1500	85.3	89.1	89.8	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6			
GE 1000	87.0	91.5	92.2	92.7	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3			
GE 1000	88.3	93.5	94.3	94.9	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8			
GE 900	88.4	93.8	94.5	95.2	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0			
GE 800	88.8	94.7	95.5	96.1	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2			
GE 700	88.9	95.2	95.9	96.6	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7			
GE 600	89.2	95.7	96.6	97.3	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9			
GE 500	89.2	96.0	96.9	97.6	98.6	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5			
GE 400	89.4	96.2	97.2	98.0	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9			
GE 300	89.4	96.2	97.2	98.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
GE 200	89.4	96.2	97.2	98.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
GE 100	89.4	96.2	97.2	98.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
GE 0	89.4	96.2	97.2	98.0	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 76-87
MONTH: MAY HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/4	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.4	52.2	52.3	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	59.7	60.5	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 18000	59.8	60.6	60.8	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	59.9	60.8	60.9	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 14000	60.8	61.6	61.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	61.6	62.7	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	64.2	65.3	65.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	66.2	67.3	67.4	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 8000	68.2	69.2	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7100	69.1	70.3	70.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 6000	71.0	72.3	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	74.0	75.3	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4500	75.7	77.1	77.4	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	78.1	79.5	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	80.0	81.6	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3000	82.3	84.0	84.4	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	84.7	86.8	87.3	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	87.3	89.9	90.4	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	88.7	91.5	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	90.8	93.8	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	91.6	95.1	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	92.6	96.0	96.0	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	93.0	96.6	97.2	97.7	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	93.0	96.7	97.3	97.6	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	93.1	97.1	97.6	98.4	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	93.2	97.3	98.1	98.6	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	93.3	97.4	98.2	98.7	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	93.3	97.4	98.2	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	93.3	97.4	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.3	97.4	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.3	97.4	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.3	97.4	98.2	98.7	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAL
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GF 6	GF 5	GE 4	GE 3	2 1/2	GE 2	GF 1 1/2	GF 1 1/4	GE 1	GF 3/4	GF 5/8	GF 1/2	GF 5/16	GF 1/4
NO CEIL	47.4	48.9	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	57.7	59.4	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
GE 18000	57.8	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	58.1	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	58.6	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 12000	60.2	61.8	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
GE 10000	64.5	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
GE 9000	66.3	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4
GE 8000	68.2	69.9	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	70.2	71.9	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	73.3	75.1	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	77.4	79.2	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	80.3	82.2	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	81.7	83.8	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5
GE 3500	83.8	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	86.0	88.5	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	87.7	90.2	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	89.8	92.3	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	90.5	93.0	93.4	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
GE 1600	91.5	94.0	94.4	94.4	94.8	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 1400	92.4	94.9	95.5	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	92.7	95.8	96.5	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	92.9	96.2	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	93.1	96.7	97.5	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	93.3	97.1	98.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	93.7	97.1	98.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	93.5	97.3	98.2	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	93.5	97.3	98.2	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	93.5	97.3	98.2	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	93.5	97.3	98.2	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	93.5	97.3	98.2	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	93.5	97.3	98.2	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	93.5	97.3	98.2	98.2	98.5	98.9	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.8	53.7	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 20000	63.5	64.5	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 18000	63.9	64.8	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	64.1	65.0	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 14000	64.7	65.7	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	66.0	67.0	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 10000	69.9	71.0	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	71.3	72.4	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	73.9	75.2	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	76.4	77.8	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000	79.3	80.9	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	83.4	85.1	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	85.2	87.1	87.5	87.7	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4000	85.5	87.4	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	86.5	88.3	88.8	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	87.9	89.9	90.3	90.6	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	89.5	91.6	92.0	92.3	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	90.4	92.4	93.0	93.3	93.6	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	90.6	92.9	93.4	93.7	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	91.0	93.9	94.4	94.7	95.0	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	91.4	94.3	94.8	95.1	95.5	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	91.5	95.3	96.0	96.3	96.7	96.9	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	91.7	95.6	96.5	96.9	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	91.8	96.0	97.0	97.3	97.6	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	91.8	96.3	97.3	97.7	98.1	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	91.8	96.5	97.5	98.0	98.4	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	91.9	96.7	97.6	98.2	98.6	98.9	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.0	96.8	97.7	98.3	98.7	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	92.0	96.8	97.7	98.3	98.7	99.0	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	92.0	96.8	97.7	98.3	98.7	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.0	96.8	97.7	98.3	98.7	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE	92.0	96.8	97.7	98.3	98.7	99.0	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS(IST): 2100-2100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	59.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 20000	66.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	66.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 16000	66.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	67.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	67.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 10000	70.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	71.1	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 8000	73.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 7000	76.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	78.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 5000	81.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	82.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	83.6	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000	84.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	86.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	87.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	88.9	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	89.0	94.1	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1600	89.2	94.7	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1400	89.4	95.0	95.6	95.7	95.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	89.9	96.1	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	90.4	97.1	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	90.4	97.3	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	90.5	97.6	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	90.6	97.7	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	90.6	97.8	98.6	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	90.6	98.0	98.8	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	90.6	98.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.6	98.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	90.6	98.1	99.0	99.4	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

AD-A188 320

WECTOR FIELD FARGO NORTH DAKOTA REVISED UNIFORM SUMMARY 3/4

OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL

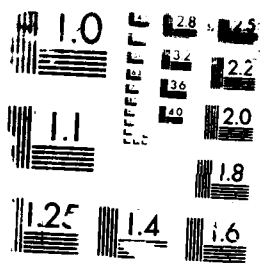
TECHNICAL APPLICATIONS CENTER SCOTT A. DEC 87

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RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAY HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.0	54.3	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	60.7	62.2	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
GE 18000	60.8	62.2	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 16000	60.9	62.3	62.5	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	61.6	63.1	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 12000	62.6	64.1	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	66.1	67.8	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
GE 9000	67.7	69.6	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2
GE 8000	70.1	72.0	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7
GE 7000	72.3	74.4	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
GE 6000	74.1	76.4	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
GE 5000	77.1	79.7	80.0	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
GE 4500	78.7	81.3	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 4000	79.8	82.5	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	81.0	83.8	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 3000	82.5	85.6	86.0	86.3	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	84.1	87.5	88.0	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 2000	85.8	89.4	90.0	90.3	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 1800	86.5	90.2	90.8	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1500	87.9	91.8	92.5	92.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4
GE 1200	88.9	93.1	93.7	94.1	94.4	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	89.6	94.3	95.0	95.4	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3
GE 900	90.0	94.8	95.6	96.0	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 800	90.2	95.2	96.1	96.6	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
GE 700	90.4	95.7	96.6	97.1	97.6	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2
GE 600	90.6	96.1	97.0	97.6	98.1	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	90.7	96.3	97.2	97.9	98.5	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	90.7	96.4	97.4	98.2	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	90.7	96.5	97.5	98.3	98.9	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	90.7	96.5	97.5	98.3	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	90.7	96.5	97.5	98.3	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	90.7	96.5	97.5	98.3	98.9	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	57.1	58.7	59.3	59.4	59.4	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	
GE 20000	64.4	66.1	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4	
GE 18000	64.7	66.3	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.7	67.7	67.7	67.7	
GE 16000	64.7	66.3	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.7	67.7	67.7	67.7	
GE 14000	64.9	66.6	67.3	67.4	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.9	67.9	67.9	67.9	
GE 12000	66.7	68.3	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.7	69.7	69.7	69.7	
GE 10000	70.6	72.4	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8	
GE 9000	72.3	74.3	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.7	75.7	75.7	75.7	
GE 8000	75.8	77.9	78.7	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	
GE 7000	78.6	80.9	81.7	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	
GE 6000	79.7	82.0	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.3	
GE 5000	82.8	85.4	86.2	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.9	86.9	86.9	86.9	
GE 4500	83.7	86.6	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	
GE 4000	84.8	87.8	88.6	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2	
GE 3500	86.0	89.0	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.6	90.6	90.6	90.6	
GE 3000	87.4	91.0	91.9	92.1	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.6	92.6	92.6	92.6	
GE 2500	89.3	93.0	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.6	94.6	94.6	94.6	
GE 2000	89.9	93.8	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3	
GE 1800	90.0	94.0	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.6	95.6	95.6	95.6	
GE 1500	90.3	94.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.6	96.6	96.6	96.6	
GE 1200	91.0	95.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6	
GE 1000	91.3	96.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	
GE 900	91.3	96.9	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	
GE 800	91.3	96.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	
GE 700	91.3	96.9	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	
GE 600	91.3	97.0	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	
GE 500	91.3	97.2	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.3	99.3	99.3	99.3	
GE 400	91.3	97.4	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	
GE 300	91.3	97.4	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	
GE 200	91.3	97.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	
GE 100	91.3	97.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	
GE 0	91.3	97.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(EST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GL 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	52.4	53.7	53.9	54.7	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.7	55.8	
GE 20000	60.1	61.4	61.8	62.6	62.8	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.7	63.8	
GE 18000	60.3	61.7	62.0	62.8	63.0	63.0	63.3	63.4	63.4	63.6	63.6	63.6	63.7	63.7	64.0	64.1	
GE 16000	60.3	61.7	62.0	62.8	63.0	63.0	63.3	63.4	63.4	63.6	63.6	63.6	63.7	63.7	64.0	64.1	
GE 14000	60.7	62.0	62.3	63.1	63.3	63.3	63.7	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.3	64.4	
GE 12000	62.2	63.6	63.9	64.7	64.9	64.9	65.2	65.3	65.3	65.4	65.4	65.4	65.6	65.6	65.9	66.0	
GE 10000	66.8	68.4	68.8	69.6	69.8	69.8	70.1	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.8	70.9	
GE 9000	69.7	71.4	71.8	72.6	72.8	72.8	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.8	73.9	
GE 8000	71.6	73.4	73.8	74.6	74.8	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.8	75.9	
GE 7000	74.8	77.0	77.3	78.1	78.3	78.3	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.3	79.4	
GE 6000	75.7	78.0	78.3	79.1	79.3	79.3	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.3	80.4	
GE 5000	78.6	81.3	81.8	82.6	82.8	82.8	83.1	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.8	83.9	
GE 4500	79.6	82.4	82.9	83.7	83.9	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.9	85.0	
GE 4000	80.6	83.6	84.1	84.9	85.1	85.1	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	86.1	86.2	
GE 3500	82.8	85.8	86.3	87.1	87.3	87.3	87.7	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.3	88.4	
GE 3000	84.4	88.0	88.7	89.6	89.8	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.8	90.9	
GE 2500	85.6	89.2	89.9	90.9	91.1	91.1	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.8	92.1	92.2	
GE 2000	86.1	90.3	91.2	92.2	92.4	92.4	92.8	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.4	93.6	
GE 1800	86.3	90.6	91.6	92.6	92.8	92.8	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.8	93.9	
GE 1500	86.8	91.2	92.2	93.2	93.6	93.6	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.6	94.7	
GE 1200	87.9	92.4	93.6	94.6	94.9	94.9	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.7	96.0	96.1	
GE 1000	88.2	93.4	94.7	95.8	96.1	96.1	96.4	96.7	96.7	96.8	96.8	96.8	96.9	96.9	97.2	97.3	
GE 900	88.4	94.0	95.2	96.3	96.7	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.8	98.0	
GE 800	88.4	94.2	95.4	96.6	96.9	96.9	97.2	97.4	97.4	97.6	97.6	97.6	97.7	97.7	98.0	98.2	
GE 700	88.4	94.6	95.8	96.9	97.2	97.2	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.3	98.6	
GE 600	88.4	94.7	95.9	97.0	97.3	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.4	98.7	
GE 500	88.4	94.8	96.0	97.1	97.4	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.6	98.6	
GE 400	88.4	94.8	96.0	97.1	97.4	97.4	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.7	98.9	
GE 300	88.4	94.8	96.0	97.1	97.6	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.7	99.1	
GE 200	88.4	94.8	96.0	97.1	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.8	99.2	
GE 100	88.4	94.8	96.0	97.1	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.6	98.6	98.9	99.2	99.8	
GE	CL	88.4	94.8	96.0	97.1	97.6	97.7	98.0	98.2	98.2	98.3	98.6	98.6	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: MECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	52.4	53.3	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9
GE 20000	59.9	60.8	61.2	61.2	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
GE 18000	60.1	61.0	61.4	61.4	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 16000	60.1	61.0	61.4	61.4	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 14000	61.0	61.9	62.3	62.3	62.3	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1
GE 12000	62.4	63.9	64.3	64.3	64.3	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1
GE 10000	68.0	69.7	70.1	70.1	70.1	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9
GE 9000	70.1	72.0	72.4	72.4	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2
GE 8000	73.3	75.4	75.9	76.0	76.0	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8
GE 7000	76.1	78.6	79.0	79.1	79.1	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 6000	77.1	79.6	80.0	80.1	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
GE 5000	78.9	81.7	82.3	82.6	82.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 4500	79.8	82.7	83.3	83.6	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 4000	80.7	83.7	84.3	84.6	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
GE 3500	81.7	84.9	85.7	85.9	86.0	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
GE 3000	82.7	85.9	86.7	86.9	87.1	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0
GE 2500	84.3	87.6	88.4	88.7	88.9	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
GE 2000	85.0	89.1	90.0	90.2	90.4	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
GE 1800	85.3	89.6	90.4	90.7	90.9	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0
GE 1600	86.6	90.9	91.9	92.1	92.3	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4	93.4
GE 1400	87.7	92.1	93.1	93.3	93.6	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.7	94.7
GE 1200	87.9	92.7	93.7	93.9	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2
GE 1000	88.7	93.6	94.6	94.8	95.0	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2
GE 900	89.0	94.2	95.2	95.4	95.7	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1
GE 800	89.0	94.3	95.3	95.7	96.1	96.6	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6
GE 700	89.2	95.2	96.3	96.7	97.1	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.6	98.6
GE 600	89.2	95.3	96.4	96.8	97.2	97.6	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8
GE 500	89.2	95.3	96.6	97.0	97.4	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0
GE 400	89.2	95.6	96.8	97.2	97.7	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2
GE 300	89.2	95.6	96.8	97.2	97.7	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4
GE 200	89.2	95.6	96.8	97.2	97.7	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4
GE 100	89.2	95.6	96.8	97.2	97.7	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4
GE 0	89.2	95.6	96.8	97.2	97.7	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	53.2	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	61.8	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 18000	61.8	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	61.8	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	62.8	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 12000	64.8	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	70.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	72.8	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	74.6	77.2	77.2	77.2	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	75.4	78.3	78.4	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	76.7	79.9	80.1	80.1	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 4500	77.2	80.6	80.8	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	78.2	81.6	81.9	81.9	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	79.2	82.9	83.3	83.3	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	80.8	84.6	85.1	85.1	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	82.6	86.4	87.0	87.0	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	84.4	88.7	89.2	89.2	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	85.4	90.2	90.8	90.8	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	88.0	93.0	93.6	93.6	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	90.0	95.1	95.7	95.8	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	90.4	95.9	96.4	96.6	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	91.3	96.6	97.1	97.4	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	91.6	96.9	97.4	97.8	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	91.8	97.3	97.9	98.2	98.6	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	91.8	97.8	98.3	98.7	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	91.8	97.9	98.4	98.8	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE CL	91.8	97.9	98.4	98.9	99.2	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 10000	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 9000	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 8000	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 7000	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	69.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 5000	73.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	76.4	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 4000	79.0	80.7	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	82.1	84.3	84.4	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	84.7	87.1	87.3	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 2500	87.0	90.0	90.2	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 2000	89.8	92.9	93.4	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	91.1	94.2	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 1600	92.1	95.2	95.8	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	93.0	96.3	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	93.6	97.2	97.8	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	93.8	97.8	98.4	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	93.9	97.9	98.6	99.0	99.1	99.2	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	94.0	98.0	98.7	99.1	99.2	99.4	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.6	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	55.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 16000	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 14000	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 12000	63.2	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 10000	67.9	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 9000	70.7	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	72.8	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	74.4	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	77.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	80.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	82.4	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	84.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	87.0	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	89.7	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	90.9	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2000	92.4	95.9	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	92.7	96.1	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	92.8	96.3	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	93.4	97.2	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	93.8	97.7	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	93.8	97.7	98.1	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	93.9	97.8	98.2	98.3	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	93.9	97.9	98.3	98.4	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	93.9	98.0	98.4	98.6	99.0	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	93.9	98.0	98.4	98.6	99.0	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.9	98.0	98.4	98.6	99.0	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	59.4	59.4	59.8	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	68.2	68.3	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	68.7	68.8	69.1	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	68.8	68.9	69.2	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	70.4	70.6	70.9	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	72.1	72.3	72.7	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 10000	77.1	77.7	78.0	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	79.1	79.8	80.1	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	81.1	81.8	82.1	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	84.1	85.2	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	86.0	87.4	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 5000	87.9	89.4	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	89.3	90.9	91.2	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000	90.7	92.3	92.7	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	91.9	93.9	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	92.6	94.6	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	93.2	95.2	95.6	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	93.7	95.9	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	93.8	96.1	96.4	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	94.2	96.7	97.0	97.3	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	94.9	97.3	97.8	98.1	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.1	97.6	98.0	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	95.2	97.7	98.1	98.4	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	95.4	98.0	98.4	98.8	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	95.4	98.0	98.4	98.8	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	95.4	98.0	98.8	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN FOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	62.1	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	69.0	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	69.8	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	69.8	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	70.6	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	71.7	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 10000	76.6	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 9000	78.9	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	81.1	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	84.2	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 6000	85.7	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	88.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	89.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	90.1	91.6	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	90.6	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	91.3	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	92.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	93.0	95.3	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	93.6	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1600	94.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1400	95.0	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	95.1	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	95.2	97.9	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	95.2	97.9	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	95.3	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	95.4	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.4	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.4	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.4	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.4	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	95.4	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	95.4	98.7	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	54.2	54.8	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5
GE 20000	62.2	62.9	63.2	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7
GE 18000	62.5	63.2	63.5	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
GE 16000	62.6	63.3	63.6	63.7	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1
GE 14000	63.4	64.2	64.4	64.6	64.6	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0
GE 12000	65.2	65.9	66.2	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.8
GE 10000	69.7	70.8	71.0	71.2	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6
GE 9000	72.0	73.2	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	74.0	74.0
GE 8000	74.4	75.7	76.0	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
GE 7000	76.9	78.5	78.8	79.0	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 6000	78.3	80.2	80.5	80.7	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
GE 5000	81.0	83.1	83.5	83.7	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 4500	82.2	84.5	84.8	85.0	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5
GE 4000	83.6	85.9	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0
GE 3500	85.2	87.8	88.3	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 3000	86.7	89.6	90.1	90.3	90.4	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8
GE 2500	88.1	91.2	91.7	92.0	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.5
GE 2000	89.3	92.7	93.4	93.6	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
GE 1800	89.8	93.3	94.0	94.3	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
GE 1500	90.7	94.4	95.1	95.4	95.5	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
GE 1200	91.6	95.5	96.2	96.5	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
GE 1000	92.0	96.1	96.8	97.2	97.4	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
GE 900	92.2	96.5	97.2	97.6	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 800	92.3	96.7	97.4	97.8	98.1	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.8
GE 700	92.4	96.9	97.6	98.0	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0
GE 600	92.4	97.1	97.9	98.4	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4
GE 500	92.4	97.2	98.1	98.5	98.8	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 400	92.4	97.3	98.1	98.6	98.8	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7
GE 300	92.4	97.3	98.2	98.6	98.9	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
GE 200	92.4	97.3	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.9
GE 100	92.4	97.3	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9
GE 0	92.4	97.3	98.2	98.6	98.9	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	66.7	67.5	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
GE 20000	73.3	74.2	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 18000	73.4	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 16000	73.4	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
GE 14000	75.4	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
GE 12000	77.2	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
GE 10000	83.0	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 9000	84.4	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 8000	86.3	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 7000	88.1	89.4	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
GE 6000	89.0	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 5000	89.8	91.4	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 4500	90.0	92.2	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
GE 4000	90.6	93.1	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 3500	90.9	93.4	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 3000	91.5	94.4	94.9	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 2500	91.9	95.2	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 2000	92.6	95.8	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 1800	92.6	96.0	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 1600	92.8	96.2	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5
GE 1400	93.3	96.8	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2
GE 1200	93.4	97.0	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5
GE 1000	93.8	97.4	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9
GE 900	93.9	97.7	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2
GE 800	93.9	97.8	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4
GE 700	94.0	98.1	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6
GE 600	94.0	98.2	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 500	94.0	98.4	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	94.0	98.4	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	94.0	98.4	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	94.0	98.4	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	94.0	98.4	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 0	94.0	98.4	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOUPPY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	61.1	63.2	63.5	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	68.0	70.2	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 18000	68.6	70.9	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	69.6	70.9	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	69.9	72.2	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	71.8	74.3	74.8	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 10000	78.8	81.6	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 9000	80.4	83.3	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 8000	82.3	85.5	86.2	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7
GE 7000	84.2	87.4	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 6000	85.3	88.6	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
GE 5000	86.8	90.2	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
GE 4500	87.1	91.0	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
GE 4000	87.7	91.7	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
GE 3500	87.8	91.8	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 3000	88.5	92.5	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 2500	89.1	93.1	94.6	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 2000	89.4	93.8	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
GE 1800	89.4	93.9	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 1500	89.9	94.4	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5
GE 1200	90.3	94.8	96.3	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 1000	90.3	94.9	96.5	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 900	90.4	95.1	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 800	90.4	95.3	96.9	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 700	90.4	95.4	97.0	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
GE 600	90.4	95.5	97.3	97.5	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 500	90.4	95.6	97.4	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 400	90.4	95.8	97.7	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.4
GE 300	90.5	96.0	98.0	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 200	90.5	96.2	98.2	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
GE 100	90.5	96.2	98.2	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.7
GE 0	90.5	96.2	98.2	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 0600-0800

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	56.0	57.8	58.0	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	63.5	66.2	66.3	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 18000	64.3	67.0	67.1	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 16000	64.4	67.1	67.2	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	65.5	68.4	68.5	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 12000	67.4	70.5	70.6	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 10000	73.3	77.1	77.4	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	75.1	79.5	79.8	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	77.3	81.9	82.3	82.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	78.6	83.4	83.6	83.9	84.1	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000	79.6	84.4	84.8	84.9	85.2	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	81.2	86.3	86.8	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 4000	82.4	87.5	88.0	88.1	88.3	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	83.4	88.3	88.8	88.9	89.1	89.4	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	83.4	88.7	89.2	89.4	89.6	89.8	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	84.2	89.7	90.2	90.3	90.5	90.8	90.9	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1
GE 500	84.6	90.4	91.0	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 200	85.3	91.3	91.8	91.9	92.3	92.5	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 100	85.5	91.5	92.0	92.2	92.5	92.7	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
GE 50	86.0	92.2	92.7	92.8	93.1	93.3	93.5	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8
GE 20	86.6	93.2	93.8	93.9	94.2	94.4	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9
GE 10	86.7	93.3	93.9	94.0	94.3	94.5	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1
GE 5	87.1	93.9	94.4	94.5	94.8	95.1	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 2	87.1	94.3	94.8	94.9	95.4	95.6	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 1	87.1	94.4	94.9	95.1	95.5	95.7	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 0	87.2	94.7	95.3	95.4	95.8	96.1	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	87.3	95.1	95.6	95.8	96.5	96.9	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	87.7	95.3	95.9	96.1	96.9	97.3	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	87.3	95.7	96.3	96.6	97.4	97.8	98.3	98.5	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8
GE 200	87.3	95.8	96.5	96.7	97.5	98.0	98.5	98.8	98.8	98.8	99.2	99.4	99.4	99.5	99.5	99.6
GE 100	87.3	95.6	96.5	96.7	97.5	98.0	98.5	98.8	98.8	98.8	99.2	99.4	99.4	99.5	99.5	99.8
GE 0	87.3	95.8	96.5	96.7	97.5	98.0	98.5	98.8	98.8	98.8	99.2	99.4	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFLTAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	58.0	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 2000	68.5	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 1800	68.9	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1600	68.9	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1400	70.3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 1200	72.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 1000	77.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 900	79.7	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 800	82.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 700	83.2	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 600	83.5	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 500	84.2	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 400	85.2	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 300	86.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 200	86.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 100	87.3	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2500	87.7	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	88.4	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1800	89.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1600	90.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1400	91.4	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	91.7	96.3	96.7	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	91.9	96.8	97.1	97.3	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	91.9	96.8	97.1	97.3	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	91.9	96.9	97.2	97.6	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	91.9	97.3	97.6	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	91.9	97.3	97.6	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	91.9	97.5	97.8	98.6	99.1	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	91.9	97.6	98.0	98.7	99.2	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	91.9	97.7	98.1	98.8	99.4	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.9	97.7	98.1	98.8	99.4	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.9	97.7	98.1	98.8	99.4	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1200-1400

CEILING IN FEET	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17	GE 18	GE 19	GE 20
NO CEIL	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 10000	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 9000	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 8000	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 7000	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 6000	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	86.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	88.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1000	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	93.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	94.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1600	95.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1400	95.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	96.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	96.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	96.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	96.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 20000	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 18000	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 16000	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 14000	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 12000	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 10000	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 9000	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 8000	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	89.0	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000	89.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5000	91.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4500	92.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4000	94.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	94.8	96.1	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	96.3	97.6	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	97.4	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	97.8	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1600	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1400	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.0	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	98.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753C STATION NAME: FORT R FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15
GE	FEET	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NO CEIL	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 20000	87.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 18000	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 16000	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 14000	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 12000	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 10000	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 9000	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 8000	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 7000	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 6000	93.7	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 5000	94.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 4500	95.1	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000	95.4	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 3500	95.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3000	96.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	97.2	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	97.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	97.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	98.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	98.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86

MONTH: JUL HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 20000		77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 18000		78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000		78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 14000		79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 12000		81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 10000		85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 9000		87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 8000		89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 7000		90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 6000		91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 5000		92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4500		93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000		94.2	95.3	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500		94.4	95.7	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000		95.6	97.0	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500		96.1	97.5	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000		96.6	98.1	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800		96.6	98.1	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500		96.9	98.4	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200		97.3	98.9	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000		97.3	98.9	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900		97.3	98.9	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800		97.5	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700		97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600		97.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500		97.6	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		97.6	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		97.6	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		97.6	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		97.6	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0		97.6	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VRSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLU FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	63.6	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	72.5	73.5	73.6	73.7	73.7	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	72.9	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	73.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	74.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	76.1	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 10000	81.3	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 9000	83.2	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 8000	85.0	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 7000	86.3	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	87.2	89.0	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 5000	88.3	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4500	89.2	91.4	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4000	90.0	92.3	92.6	92.7	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	90.5	92.9	93.2	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	91.5	94.0	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	92.2	94.8	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	92.8	95.6	96.0	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	93.1	96.0	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	93.5	96.4	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	93.9	97.0	97.4	97.6	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	94.0	97.3	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	94.2	97.5	98.0	98.2	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	94.2	97.7	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	94.2	97.8	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	94.2	97.9	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	94.3	98.0	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 400	94.3	98.1	98.6	98.9	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	94.7	98.2	98.7	99.0	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	94.7	98.2	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	94.7	98.2	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 0	94.7	98.2	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(1ST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	64.8	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
GE 20000	69.8	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.2
GE 18000	69.9	71.8	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
GE 16000	69.9	71.8	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
GE 14000	70.9	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 12000	72.2	74.2	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8
GE 10000	75.2	77.4	77.7	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
GE 9000	77.7	80.0	80.3	80.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1
GE 8000	79.7	81.9	82.3	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
GE 7000	81.4	83.7	84.0	84.3	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 6000	82.4	84.6	85.1	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 5000	85.1	87.3	87.6	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
GE 4500	85.6	87.8	88.5	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4
GE 4000	86.6	88.8	89.6	90.1	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
GE 3500	87.2	89.6	90.3	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 3000	88.5	91.3	92.0	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 2500	89.2	92.4	93.3	93.9	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
GE 2000	90.3	93.8	94.7	95.4	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
GE 1800	90.6	94.1	95.1	95.7	96.0	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
GE 1500	91.0	94.6	95.6	96.2	96.6	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
GE 1200	91.2	94.9	95.9	96.6	96.9	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6
GE 1000	91.8	95.7	96.7	97.3	97.6	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 900	91.9	95.8	96.8	97.4	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 800	92.0	96.2	97.2	97.8	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 700	92.0	96.2	97.2	97.8	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 600	92.0	96.3	97.4	98.1	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 500	92.0	96.3	97.4	98.1	98.4	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 400	92.0	96.3	97.5	98.2	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 300	92.0	96.5	97.6	98.5	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
GE 200	92.0	96.5	97.8	98.5	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
GE 100	92.0	96.5	97.8	98.5	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.9
GE 0	92.0	96.5	97.8	98.5	98.8	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 0
NO CEIL	55.7	59.0	59.6	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.6
GE 20000	60.2	64.1	64.7	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.8	65.8	65.9	66.1
GE 18000	60.6	64.5	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.3	66.3	66.5	66.7
GE 16000	60.6	64.5	65.3	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.3	66.3	66.5	66.7
GE 14000	61.4	65.3	66.0	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.3	67.5
GE 12000	62.8	66.7	67.5	68.2	68.4	68.4	68.4	68.4	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.9	69.1
GE 10000	67.3	71.4	72.4	73.0	73.2	73.2	73.2	73.2	73.2	73.5	73.8	73.8	73.8	73.9	73.9	74.0	74.2
GE 9000	69.2	73.4	74.4	75.1	75.3	75.3	75.3	75.3	75.3	75.6	75.8	75.8	75.8	75.9	75.9	76.0	76.2
GE 8000	71.6	75.8	76.8	77.4	77.6	77.6	77.6	77.6	77.6	78.0	78.2	78.2	78.2	78.3	78.3	78.4	78.6
GE 7000	74.3	78.6	79.6	80.2	80.4	80.4	80.4	80.5	80.5	80.9	81.2	81.2	81.2	81.3	81.3	81.4	81.6
GE 6000	76.1	80.4	81.4	82.0	82.3	82.3	82.4	82.4	82.7	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.4
GE 5000	78.4	82.9	84.0	84.6	84.8	84.8	84.9	84.9	84.9	85.3	85.6	85.6	85.6	85.7	85.7	85.8	86.0
GE 4500	79.4	84.3	85.4	86.0	86.3	86.3	86.5	86.5	86.5	86.8	87.1	87.1	87.1	87.2	87.2	87.3	87.5
GE 4000	79.9	84.8	85.9	86.6	86.9	86.9	87.0	87.0	87.3	87.6	87.6	87.6	87.6	87.7	87.7	87.8	88.1
GE 3500	80.5	85.7	86.8	87.4	87.7	87.7	87.8	87.8	88.2	88.5	88.5	88.5	88.5	88.6	88.6	88.7	88.9
GE 3000	81.8	87.1	88.2	88.9	89.5	89.5	89.6	89.6	89.9	90.2	90.2	90.2	90.2	90.3	90.3	90.4	90.6
GE 2500	82.3	87.6	88.7	89.5	90.0	90.0	90.1	90.1	90.4	90.8	90.8	90.8	90.8	90.9	90.9	91.0	91.2
GE 2000	82.9	88.4	89.5	90.3	90.9	90.9	91.0	91.0	91.3	91.7	91.7	91.7	91.7	91.8	91.8	91.9	92.2
GE 1800	83.1	88.6	89.7	90.5	91.1	91.1	91.2	91.2	91.5	91.9	91.9	91.9	91.9	92.0	92.0	92.2	92.4
GE 1600	83.4	89.0	90.1	91.1	91.5	91.6	91.7	91.7	92.0	92.5	92.5	92.5	92.5	92.6	92.6	92.7	92.9
GE 1500	84.4	90.0	91.1	91.9	92.6	92.7	92.8	92.8	93.1	93.5	93.5	93.5	93.5	93.7	93.7	93.8	94.0
GE 1500	84.6	90.6	91.6	92.7	93.3	93.4	93.5	93.5	93.9	94.3	94.3	94.3	94.3	94.4	94.4	94.5	94.7
GE 900	84.8	91.0	92.2	93.0	93.7	93.8	93.9	93.9	94.2	94.6	94.6	94.6	94.6	94.7	94.7	94.8	95.1
GE 800	85.6	92.0	93.3	94.2	94.8	94.9	95.1	95.1	95.4	95.8	95.8	95.8	95.8	95.9	95.9	96.0	96.2
GE 700	85.7	92.3	93.5	94.4	95.2	95.3	95.4	95.4	95.7	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.6
GE 600	86.2	92.9	94.2	95.4	96.1	96.2	96.5	96.5	96.8	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.6
GE 500	86.3	93.1	94.5	95.7	96.6	96.7	96.9	96.9	97.2	97.6	97.6	97.6	97.6	97.7	97.7	98.0	98.2
GE 400	86.6	93.4	94.8	96.0	96.9	97.0	97.2	97.2	97.5	98.0	98.0	98.0	98.0	98.1	98.1	98.3	98.5
GE 300	86.6	93.5	95.1	96.3	97.3	97.4	97.7	97.7	98.3	98.7	98.7	98.7	98.7	98.8	98.8	99.0	99.2
GE 200	86.6	93.5	95.1	96.5	97.4	97.5	97.8	97.8	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.9	99.1
GE 100	86.6	93.5	95.1	96.5	97.4	97.5	97.8	97.8	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.9	99.1
GE 0	86.6	93.5	95.1	96.5	97.4	97.5	97.8	97.8	98.2	98.6	98.6	98.6	98.6	98.7	98.7	98.9	99.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.4	54.2	54.7	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.7	55.7	55.9	55.9	56.0	56.6
GE 20000	54.2	59.7	60.2	60.6	60.9	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.4	61.4	61.5	62.0
GE 18000	54.3	59.8	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.5	61.5	61.6	62.2
GE 16000	54.3	59.8	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.5	61.5	61.6	62.2
GE 14000	55.2	60.9	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.4	62.4	62.6	62.6	62.7	63.2
GE 12000	56.3	62.4	62.9	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.9	64.1	64.3	64.3	64.4	64.9
GE 10000	62.5	69.5	70.0	70.5	70.8	70.8	70.8	70.8	70.9	70.9	71.2	71.4	71.6	71.6	71.7	72.3
GE 9000	63.0	71.0	71.5	72.2	72.4	72.4	72.5	72.5	72.6	72.6	73.0	73.2	73.4	73.4	73.5	74.1
GE 8000	66.6	73.8	74.3	74.9	75.2	75.2	75.3	75.3	75.4	75.4	75.8	76.0	76.2	76.2	76.3	76.9
GE 7000	69.6	76.1	76.7	77.3	77.5	77.5	77.6	77.6	77.7	77.7	78.2	78.4	78.6	78.6	78.7	79.2
GE 6000	70.3	78.0	78.5	79.1	79.4	79.4	79.5	79.5	79.6	79.6	80.0	80.2	80.4	80.4	80.5	81.1
GE 5000	72.3	80.2	80.8	81.4	81.6	81.6	81.7	81.7	81.8	81.8	82.3	82.5	82.7	82.7	82.8	83.3
GE 4500	73.3	81.4	81.9	82.6	82.8	82.8	82.9	82.9	83.0	83.0	83.4	83.7	83.9	83.9	84.0	84.5
GE 4000	73.7	81.7	82.3	82.9	83.1	83.1	83.2	83.2	83.3	83.3	83.8	84.0	84.2	84.2	84.3	84.8
GE 3500	74.5	82.6	83.2	83.9	84.1	84.1	84.2	84.2	84.3	84.3	84.7	84.9	85.2	85.2	85.3	85.8
GE 3000	76.1	84.4	85.2	85.9	86.1	86.1	86.2	86.2	86.3	86.3	86.8	87.0	87.2	87.2	87.3	87.8
GE 2500	76.7	85.1	85.8	86.6	86.8	86.8	86.9	86.9	87.0	87.0	87.4	87.6	87.8	87.8	88.0	88.5
GE 2000	77.2	85.8	86.6	87.3	87.6	87.7	87.8	87.8	88.1	88.1	88.5	88.7	88.9	88.9	89.0	89.6
GE 1800	77.3	85.9	86.7	87.4	87.7	87.8	88.0	88.0	88.2	88.2	88.6	88.8	89.0	89.0	89.1	89.7
GE 1500	77.7	86.3	87.1	88.0	88.3	88.4	88.6	88.6	88.8	88.8	89.2	89.5	89.7	89.7	89.8	90.3
GE 1200	78.5	87.2	88.2	89.0	89.5	89.6	89.8	89.9	90.1	90.1	90.5	90.8	91.0	91.0	91.1	91.6
GE 1000	79.0	87.5	88.5	89.4	90.0	90.1	90.4	90.5	90.8	90.9	91.2	91.4	91.6	91.6	91.7	92.3
GE 900	79.4	88.2	89.1	90.0	90.8	90.9	91.2	91.3	91.5	91.5	91.9	92.2	92.4	92.4	92.5	93.0
GE 800	79.8	88.6	89.7	90.5	91.3	91.4	91.7	91.8	92.0	92.0	92.5	92.7	92.9	92.9	93.0	93.5
GE 700	79.9	88.9	90.0	91.0	91.8	92.2	92.6	92.7	92.9	92.9	93.3	93.5	93.8	93.8	93.9	94.4
GE 600	79.9	89.0	90.1	91.2	92.0	92.4	93.0	93.1	93.4	93.4	93.9	94.1	94.3	94.3	94.4	94.9
GE 500	80.1	89.7	90.8	91.9	93.1	93.7	94.4	94.6	94.9	94.9	95.5	95.7	95.9	95.9	96.0	96.6
GE 400	80.1	89.8	91.0	92.4	93.9	94.5	95.4	95.6	95.9	96.0	96.6	96.8	97.0	97.0	97.1	97.6
GE 300	80.4	90.2	91.4	92.8	94.5	95.3	96.2	96.5	96.8	96.9	97.4	97.6	97.8	97.8	98.0	98.5
GE 200	80.4	90.2	91.4	92.8	94.6	95.4	96.3	96.6	96.9	97.0	97.5	97.7	98.0	98.2	98.3	98.9
GE 100	80.4	90.2	91.4	92.8	94.6	95.4	96.3	96.6	96.9	97.0	97.5	97.7	98.1	98.3	98.6	99.8
GE 0	80.4	90.2	91.4	92.8	94.6	95.4	96.3	96.6	96.9	97.0	97.5	97.7	98.1	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	5/8	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2	1 1/2	1	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	57.4		59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	63.7		66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	64.0		66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 16000	64.0		66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	64.9		67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 12000	66.5		69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	72.3		75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 9000	73.3		77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000	74.8		78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	76.0		80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	77.0		81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 5000	78.2		82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	78.8		82.9	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	78.9		83.0	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	80.2		84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	82.0		86.3	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	87.0		87.5	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	84.5		89.5	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	84.5		89.6	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1600	85.5		90.6	91.3	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 1400	86.8		92.3	92.9	92.9	92.9	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	87.6		93.3	94.1	94.1	94.1	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	88.0		93.9	94.7	94.7	94.9	95.2	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	88.2		94.4	95.3	95.3	95.5	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	88.4		94.9	95.6	95.6	95.8	96.1	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	88.4		95.2	96.1	96.2	96.2	96.6	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	88.4		95.6	96.9	97.0	97.4	98.0	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	88.4		95.6	97.0	97.1	97.5	98.1	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	88.4		95.6	97.0	97.2	97.6	98.2	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	88.4		95.6	97.0	97.2	97.6	98.2	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	88.4		95.6	97.0	97.2	97.6	98.2	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	88.4		95.6	97.0	97.2	97.6	98.2	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 1/32
NO CEIL	53.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	61.6	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	61.8	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	61.9	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	62.7	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000	64.1	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	69.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	71.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	72.0	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	74.2	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6000	76.0	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	77.8	80.4	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 4000	80.4	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	81.5	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	83.5	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	85.8	89.0	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	87.8	91.6	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	89.1	93.9	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1600	89.7	94.5	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1400	90.5	95.5	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	91.2	96.2	96.8	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	91.4	96.6	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	92.0	97.2	97.7	97.8	98.1	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	92.0	97.3	97.8	98.0	98.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	92.0	97.5	98.1	98.2	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	92.0	97.6	98.3	98.5	98.7	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	92.0	97.6	98.3	98.5	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.0	97.6	98.3	98.5	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	92.0	97.6	98.3	98.5	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	92.0	97.6	98.3	98.5	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	92.0	97.6	98.3	98.5	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	92.0	97.6	98.3	98.5	98.7	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753G STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: AUG HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/16	GE 1/4	GE 0	
NO CEIL	55.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	
GE 20000	63.0	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
GE 18000	63.1	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	
GE 16000	63.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
GE 14000	64.2	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
GE 12000	66.6	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
GE 10000	72.5	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
GE 9000	75.8	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
GE 8000	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
GE 7000	79.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
GE 6000	81.2	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	
GE 5000	84.8	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
GE 4500	86.7	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
GE 4000	88.0	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 3500	88.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
GE 3000	90.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
GE 2500	92.5	94.6	94.9	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	
GE 2000	93.9	96.3	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 1800	94.3	97.0	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
GE 1500	94.8	97.7	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 1200	95.2	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
GE 1000	95.3	98.2	98.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 900	95.5	98.4	98.8	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
GE 800	95.5	98.4	98.8	98.9	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 700	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 600	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 500	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 400	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 300	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 200	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 100	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
GE 0	95.5	98.4	98.9	99.0	99.2	99.5	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	61.1	61.3	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	70.6	71.2	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 18000	70.9	71.4	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 16000	71.0	71.5	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 14000	72.0	72.7	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 12000	73.8	74.5	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 10000	79.0	80.0	80.5	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 9000	81.7	82.7	83.2	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	83.7	84.7	85.3	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 7000	85.5	86.6	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 6000	86.6	87.6	88.2	88.2	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	89.0	90.3	90.9	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4500	89.5	91.0	91.5	91.7	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4000	90.4	92.0	92.6	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	91.6	93.2	93.8	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	92.7	94.6	95.4	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	93.5	95.5	96.2	96.5	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	94.0	95.9	96.7	96.9	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	94.1	96.0	96.8	97.0	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1600	94.6	96.6	97.3	97.5	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1400	95.4	97.3	98.1	98.3	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	95.8	97.8	98.6	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	95.8	97.8	98.6	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	95.9	98.0	98.7	98.9	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	95.9	98.0	98.7	98.9	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	95.9	98.0	98.7	98.9	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.0	98.1	98.8	99.0	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 01	96.0	98.2	98.9	99.1	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86

MONTH: AUG

HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9
NO CEIL	67.7	68.3	68.3	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 20000	73.7	74.2	74.3	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 18000	73.8	74.3	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 16000	73.8	74.3	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	74.4	74.9	75.1	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	75.4	76.1	76.3	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 10000	79.2	80.0	80.3	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 9000	81.1	81.8	82.2	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	82.6	83.5	83.9	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	83.7	84.6	84.9	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	84.8	86.2	86.6	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	87.3	88.8	89.2	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	88.0	89.7	90.3	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	89.5	91.3	91.9	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	90.9	92.7	93.3	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	91.7	94.1	94.7	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	92.5	95.1	95.7	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	92.5	95.1	95.7	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	94.0	97.0	97.6	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1600	94.1	97.1	97.7	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1400	94.2	97.2	97.8	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	94.5	97.7	98.4	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	94.6	97.8	98.5	99.0	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	94.8	98.1	98.7	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	94.8	98.1	98.7	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	98.3	98.9	99.5	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 230

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 3/8	GE 1 1/2	GE 1 5/8	GE 1 3/4	GE 1 7/8	GE 2	GE 2 1/8	GE 2 1/4	GE 2 3/8	GE 2 1/2	GE 2 5/8	GE 2 3/4
NO CEIL	59.1	60.1	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.8
GE 20000	64.6	66.9	67.2	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.7
GE 18000	64.8	67.1	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.9
GE 16000	64.8	67.1	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	68.0
GE 14000	65.7	68.0	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.9
GE 12000	67.2	69.6	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.6
GE 10000	72.2	75.0	75.4	75.6	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.1
GE 9000	74.3	77.1	77.6	77.8	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.3
GE 8000	76.3	79.2	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.3	80.4
GE 7000	77.9	80.9	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.1
GE 6000	79.3	82.4	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.5	83.5	83.6	83.7
GE 5000	81.6	84.9	85.4	85.7	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1	86.3
GE 4500	82.7	86.1	86.6	86.9	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.5
GE 4000	83.5	86.9	87.5	87.8	88.0	88.0	88.1	88.1	88.1	88.2	88.3	88.3	88.3	88.4	88.5
GE 3500	84.7	88.2	88.8	89.1	89.2	89.3	89.3	89.3	89.4	89.4	89.5	89.5	89.6	89.6	89.7
GE 3000	86.1	89.9	90.5	90.9	91.1	91.1	91.2	91.2	91.3	91.3	91.4	91.4	91.5	91.5	91.6
GE 2500	87.2	91.2	91.8	92.2	92.4	92.5	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.8	93.0
GE 2000	89.1	92.5	93.2	93.6	93.8	93.9	94.0	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.4
GE 1800	88.5	92.8	93.5	93.9	94.2	94.3	94.4	94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.8
GE 1500	89.0	93.4	94.2	94.6	94.9	94.9	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.4	95.5
GE 1200	89.6	94.2	94.9	95.3	95.6	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.3	96.4
GE 1000	90.0	94.7	95.5	95.9	96.2	96.4	96.5	96.6	96.7	96.8	96.8	96.8	96.9	96.9	97.0
GE 900	90.3	95.0	95.8	96.2	96.6	96.7	96.9	97.0	97.1	97.2	97.3	97.3	97.3	97.4	97.5
GE 800	90.5	95.4	96.2	96.6	97.0	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.8	97.8	97.9
GE 700	90.5	95.5	96.4	96.8	97.2	97.4	97.6	97.6	97.8	97.9	98.0	98.0	98.1	98.1	98.2
GE 600	90.6	95.7	96.6	97.1	97.5	97.7	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.6
GE 500	90.7	95.9	96.8	97.4	97.8	98.1	98.4	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.1
GE 400	90.7	96.0	96.9	97.5	98.0	98.3	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.3	99.4
GE 300	90.7	96.0	97.0	97.6	98.2	98.5	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6
GE 200	90.7	96.0	97.0	97.6	98.2	98.5	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.7
GE 100	90.7	96.0	97.0	97.6	98.2	98.5	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.7
GE 0	91.7	96.0	97.0	97.6	98.2	98.5	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 1/8		
NO CEIL	1	59.6	60.0	60.1	60.4	60.4	60.4	60.7	60.7	60.7	60.9	60.9	61.0	61.0	61.1	61.1		
GE 20000	61.3	62.8	63.2	63.3	63.7	63.7	63.7	63.9	63.9	63.9	64.1	64.1	64.2	64.2	64.3	64.3		
GE 18000	61.4	62.9	63.3	63.4	63.8	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.3	64.3	64.4	64.4		
GE 16000	61.4	62.9	63.3	63.4	63.8	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.3	64.3	64.4	64.4		
GE 14000	62.1	63.6	64.0	64.1	64.4	64.4	64.4	64.7	64.7	64.7	64.9	64.9	65.0	65.0	65.1	65.1		
GE 12000	63.0	64.4	64.9	65.0	65.3	65.3	65.3	65.6	65.6	65.6	65.8	65.8	65.9	65.9	66.0	66.0		
GE 10000	66.9	68.3	68.8	68.9	69.2	69.2	69.2	69.4	69.4	69.4	69.7	69.7	69.8	69.8	69.9	69.9		
GE 9000	67.9	69.3	69.8	69.9	70.2	70.2	70.2	70.4	70.4	70.4	70.7	70.7	70.8	70.8	70.9	70.9		
GE 8000	69.3	70.8	71.2	71.3	71.7	71.7	71.7	71.9	71.9	71.9	72.1	72.1	72.2	72.2	72.3	72.3		
GE 7000	71.4	73.2	73.7	73.8	74.1	74.1	74.1	74.3	74.3	74.3	74.6	74.6	74.7	74.7	74.8	74.8		
GE 6000	72.6	74.3	74.9	75.0	75.3	75.3	75.3	75.6	75.6	75.6	75.8	75.8	75.9	75.9	76.0	76.0		
GE 5000	75.7	77.7	78.2	78.3	78.7	78.7	78.7	78.9	78.9	78.9	79.1	79.1	79.2	79.2	79.3	79.3		
GE 4500	77.1	79.1	79.7	79.8	80.1	80.1	80.1	80.3	80.3	80.3	80.6	80.6	80.7	80.7	80.9	80.9		
GE 4000	78.1	80.2	80.8	80.9	81.2	81.2	81.2	81.4	81.4	81.4	81.7	81.7	81.8	81.8	82.0	82.0		
GE 3500	79.7	81.9	82.6	82.7	83.0	83.0	83.0	83.2	83.2	83.2	83.4	83.4	83.6	83.6	83.8	83.8		
GE 3000	82.2	84.6	85.4	85.7	86.0	86.0	86.0	86.2	86.2	86.2	86.4	86.4	86.6	86.6	86.8	86.8		
GE 2500	83.9	86.9	87.7	87.9	88.2	88.2	88.2	88.4	88.4	88.4	88.7	88.7	88.8	88.8	89.0	89.0		
GE 2000	85.9	89.0	89.9	90.2	90.6	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.1	91.1	91.3	91.3		
GE 1800	86.8	90.1	91.0	91.3	91.7	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.2	92.2	92.4	92.4		
GE 1600	87.2	90.7	91.7	92.0	92.3	92.3	92.3	92.6	92.6	92.6	92.8	92.8	92.9	92.9	93.1	93.1		
GE 1400	88.2	92.2	93.3	93.6	94.1	94.1	94.1	94.3	94.3	94.3	94.6	94.6	94.7	94.7	94.9	94.9		
GE 1000	89.6	94.0	95.2	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.4	96.4	96.6	96.6	96.8	96.8		
GE 900	89.9	94.4	95.7	96.1	96.4	96.4	96.4	96.7	96.7	96.7	96.9	96.9	97.0	97.0	97.2	97.2		
GE 800	90.1	94.9	96.1	96.6	96.9	96.9	96.9	97.1	97.1	97.1	97.3	97.3	97.4	97.4	97.7	97.7		
GE 700	90.2	95.1	96.3	96.8	97.2	97.2	97.2	97.4	97.4	97.4	97.7	97.7	97.8	97.8	98.0	98.0		
GE 600	90.3	95.2	96.6	97.0	97.4	97.4	97.4	97.7	97.7	97.7	97.9	97.9	98.1	98.1	98.4	98.4		
GE 500	90.3	95.7	97.0	97.4	97.9	97.9	97.9	98.2	98.4	98.4	98.4	98.7	98.7	98.8	99.0	99.0		
GE 400	90.3	95.8	97.1	97.6	98.2	98.2	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.4	99.4		
GE 300	90.3	95.8	97.1	97.6	98.2	98.2	98.2	98.7	98.9	98.9	98.9	99.1	99.1	99.2	99.4	99.4		
GE 200	90.3	95.9	97.4	98.1	98.6	98.6	98.6	99.0	99.3	99.3	99.3	99.6	99.6	99.7	99.9	99.9		
GE 100	90.3	95.9	97.4	98.1	98.6	98.6	98.6	99.0	99.3	99.3	99.3	99.6	99.6	99.7	99.7	100.0		
GE 0	90.3	95.9	97.4	98.1	98.6	98.6	98.6	99.0	99.3	99.3	99.3	99.6	99.6	99.7	99.7	100.0		

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CEIL	56.8	58.4	58.9	59.0	59.2	59.2	59.4	59.6	59.6	60.0	60.2	60.2	60.3	60.4	60.4	60.4
GE 20000	59.1	60.8	61.2	61.3	61.6	61.6	61.8	61.9	61.9	62.3	62.6	62.6	62.7	62.8	62.8	62.8
GE 18000	59.2	60.9	61.3	61.4	61.7	61.7	61.9	62.0	62.0	62.4	62.7	62.7	62.8	62.9	62.9	62.9
GE 16000	59.2	60.9	61.3	61.4	61.7	61.7	61.9	62.0	62.0	62.4	62.7	62.7	62.8	62.9	62.9	62.9
GE 14000	59.8	61.4	61.9	62.0	62.2	62.2	62.4	62.6	62.6	63.0	63.2	63.2	63.3	63.4	63.4	63.4
GE 12000	60.9	62.6	63.0	63.1	63.3	63.3	63.6	63.7	63.7	64.1	64.3	64.3	64.6	64.7	64.7	64.7
GE 10000	64.2	66.0	66.4	66.6	66.9	66.8	67.0	67.1	67.1	67.6	67.8	67.8	68.0	68.1	68.1	68.1
GE 9000	66.0	67.8	68.2	68.3	68.6	68.6	68.8	68.9	68.9	69.3	69.6	69.6	69.8	69.9	69.9	69.9
GE 8000	67.2	69.0	69.4	69.6	69.8	69.8	70.0	70.1	70.1	70.6	70.8	70.8	71.0	71.1	71.1	71.1
GE 7000	69.8	71.7	72.1	72.2	72.4	72.4	72.7	72.8	72.8	73.2	73.4	73.4	73.7	73.8	73.8	73.8
GE 6000	71.2	73.1	73.6	73.7	73.9	73.9	74.1	74.2	74.2	74.7	74.9	74.9	75.1	75.2	75.2	75.2
GE 5000	73.4	75.4	75.9	76.0	76.2	76.2	76.4	76.6	76.6	77.0	77.2	77.2	77.4	77.6	77.6	77.6
GE 4500	75.2	77.2	77.7	77.9	78.1	78.1	78.3	78.4	78.4	78.9	79.1	79.1	79.3	79.4	79.4	79.4
GE 4000	75.7	77.8	78.2	78.4	78.7	78.7	78.9	79.0	79.0	79.4	79.7	79.7	79.9	80.0	80.0	80.0
GE 3500	75.9	78.0	78.4	78.7	78.9	78.9	79.1	79.2	79.2	79.7	79.9	79.9	80.1	80.2	80.2	80.2
GE 3000	77.8	80.3	80.8	81.1	81.3	81.3	81.6	81.7	81.7	82.1	82.3	82.3	82.6	82.7	82.7	82.7
GE 2500	80.0	82.7	83.1	83.4	83.7	83.7	83.9	84.0	84.0	84.4	84.7	84.7	84.9	85.0	85.0	85.0
GE 2000	82.3	85.3	85.8	86.1	86.4	86.4	86.7	86.8	86.8	87.2	87.4	87.4	87.7	87.8	87.8	87.8
GE 1800	83.7	86.8	87.2	87.6	87.9	87.9	88.1	88.2	88.2	88.7	88.9	88.9	89.1	89.2	89.2	89.2
GE 1500	84.1	87.3	87.8	88.1	88.4	88.4	88.7	88.8	88.8	89.2	89.4	89.4	89.7	89.8	89.8	89.8
GE 1200	85.7	89.0	89.9	90.3	90.7	90.7	90.9	91.0	91.0	91.4	91.7	91.7	91.9	92.0	92.0	92.0
GE 1000	86.9	90.4	91.4	91.9	92.2	92.2	92.7	92.8	92.8	93.2	93.4	93.4	93.7	93.8	93.8	93.8
GE 900	87.0	90.6	91.6	92.0	92.4	92.4	92.9	93.0	93.0	93.4	93.7	93.7	93.9	94.0	94.0	94.0
GE 800	87.3	91.1	92.1	92.6	93.0	93.0	93.4	93.6	93.6	94.0	94.2	94.2	94.4	94.6	94.6	94.6
GE 700	87.7	91.6	92.7	93.1	93.6	93.6	94.0	94.1	94.1	94.6	94.8	94.8	95.0	95.1	95.1	95.1
GE 600	88.3	93.1	94.2	94.7	95.1	95.1	95.6	95.7	95.7	96.1	96.3	96.3	96.6	96.7	96.7	96.7
GE 500	89.6	93.6	95.1	95.7	96.1	96.2	96.9	97.0	97.0	97.4	97.7	97.7	97.9	98.0	98.0	98.0
GE 400	89.6	93.9	95.4	96.2	96.8	97.0	97.9	98.0	98.0	98.4	98.7	98.7	98.9	99.0	99.0	99.0
GE 300	89.6	94.0	95.7	96.6	97.2	97.4	98.3	98.6	98.6	99.0	99.2	99.2	99.4	99.6	99.6	99.6
GE 200	89.6	94.0	95.8	96.6	97.4	97.7	98.6	98.8	98.8	99.2	99.4	99.4	99.7	99.8	99.9	99.9
GE 100	89.6	94.0	95.8	96.8	97.4	97.7	98.6	98.8	98.8	99.2	99.4	99.4	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727533 STATION NAME: MECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	48.1	50.6	51.1	51.2	51.2	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8	52.0
GE 20000	52.1	54.8	55.3	55.4	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.3
GE 18000	52.1	54.6	55.3	55.6	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.4
GE 16000	52.1	54.8	55.3	55.6	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.4
GE 14000	52.4	55.2	55.8	56.0	56.0	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.9
GE 12000	54.1	57.0	57.6	57.8	57.8	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.4	58.7
GE 10000	57.1	60.1	60.7	60.9	61.0	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	62.0
GE 9000	59.3	61.4	62.0	62.2	62.3	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1	63.3
GE 8000	61.6	64.8	65.3	65.6	65.7	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.7
GE 7000	64.2	67.4	68.0	68.2	68.3	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.3
GE 6000	66.2	68.4	69.0	69.2	69.3	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.3
GE 5000	69.1	71.4	72.0	72.2	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.3
GE 4500	69.2	73.0	73.8	74.0	74.1	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	75.0	75.2
GE 4000	70.9	74.8	75.6	75.8	75.9	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8	77.0
GE 3500	71.6	75.6	76.3	76.6	76.7	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.8
GE 3000	72.4	76.7	77.4	77.7	77.8	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7	78.9
GE 2500	74.3	79.0	80.2	80.4	80.6	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.7
GE 2000	76.0	81.1	82.3	82.6	82.7	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	83.8
GE 1800	77.2	82.4	83.8	84.0	84.1	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.3
GE 1500	78.4	84.0	85.3	85.6	85.7	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.7	86.9
GE 1200	79.8	85.7	87.0	87.2	87.3	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.6
GE 1000	80.7	87.0	88.4	88.7	88.8	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9	90.1
GE 900	81.2	88.1	89.7	90.0	90.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.4
GE 800	81.7	88.6	90.2	90.7	90.8	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	92.1
GE 700	82.4	89.6	91.2	91.7	92.0	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.3
GE 600	83.1	90.9	92.7	93.6	93.9	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.1	95.3
GE 500	83.2	91.7	93.7	94.6	94.9	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.3
GE 400	83.4	92.2	94.4	95.3	95.6	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.7	96.9
GE 300	83.6	92.6	94.6	95.7	96.6	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.3
GE 200	83.6	92.6	94.6	95.7	96.7	97.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.8
GE 100	83.6	92.6	94.6	95.7	96.7	97.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.8
GE 0	83.6	92.6	94.6	95.7	96.7	97.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	47.4	47.8	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	51.6	52.0	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 18000	51.8	52.2	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 16000	51.9	52.3	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	52.2	52.7	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 12000	53.1	53.6	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	56.1	56.8	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 9000	58.1	59.0	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	61.8	62.9	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	64.0	65.6	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	64.2	65.8	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 5000	65.9	67.8	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	66.9	68.8	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4000	68.2	70.2	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3500	69.3	71.3	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	70.7	72.7	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 2500	75.1	77.4	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	78.0	80.7	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	79.0	81.7	82.1	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1600	80.6	83.6	84.6	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1400	83.3	86.9	87.9	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	85.6	89.1	90.1	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	86.3	90.9	91.9	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	86.7	91.7	92.6	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 800	86.8	92.4	93.7	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	87.3	93.4	95.0	95.9	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 600	87.4	94.3	95.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	87.4	94.4	96.0	97.0	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	87.6	94.6	96.4	97.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	87.6	94.8	96.4	97.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	87.6	94.8	96.4	97.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	87.6	94.8	96.4	97.4	98.6	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-86
MONTH: SEP POLRSILST: 1000-1400

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1	GE 1/8	GE 1/4	GE 3/8	GE 1/2	GE 5/8	GE 3/4	GE 7/8	GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4
NO CEIL	1	46.4	46.9	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 20000		50.4	50.9	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000		50.4	50.9	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000		50.4	50.9	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000		50.6	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 12000		52.1	52.6	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 10000		54.4	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 9000		54.8	55.4	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000		56.6	57.2	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000		59.7	61.0	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 6000		60.3	61.9	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000		62.7	64.7	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000		65.0	67.3	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 3000		67.2	69.7	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 2000		70.3	73.0	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 1000		73.3	76.0	76.8	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500		79.0	81.7	82.6	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000		81.7	84.4	85.2	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800		83.3	86.2	87.1	87.3	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1500		85.6	88.4	89.3	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200		88.0	91.4	92.3	92.7	92.8	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000		89.4	93.3	94.1	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900		89.9	94.3	95.2	95.6	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 800		90.7	94.8	95.7	96.1	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700		90.6	95.6	96.4	97.1	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600		90.7	95.9	96.8	97.3	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500		90.7	96.0	96.9	97.4	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400		90.7	96.1	97.1	97.6	98.3	98.8	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300		90.7	96.1	97.1	97.8	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		90.7	96.2	97.1	97.8	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		90.7	96.2	97.1	97.8	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1		90.7	96.2	97.1	97.8	98.7	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	51.0		51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	55.7		56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 18000	55.9		56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 16000	55.9		56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 14000	56.2		56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	57.0		57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	59.9		60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	61.2		62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	62.4		63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	65.3		66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 6000	67.2		68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	70.2		72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	72.4		74.4	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	74.3		76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2000	77.4		79.7	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1000	81.7		84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	84.2		86.6	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	87.3		89.9	90.1	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	88.0		90.6	90.9	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	90.1		92.7	93.0	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	90.9		93.4	93.8	94.0	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	91.6		94.4	94.8	95.0	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 900	91.9		95.0	95.3	95.6	96.2	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	92.6		96.1	96.4	96.7	97.3	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	92.7		96.4	96.8	97.1	97.9	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	92.8		96.7	97.1	97.4	98.3	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	92.8		96.7	97.1	97.7	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.8		96.7	97.2	97.8	98.8	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	92.8		96.7	97.2	97.8	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.8		96.7	97.2	97.8	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.8		96.7	97.2	97.8	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.8		96.7	97.2	97.8	98.9	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 1971-81
MONTH: SEP HOURS/STATION: 1400-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 2000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 1800	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 1600	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 1400	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 1200	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 1000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 900	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 800	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 700	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 600	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 500	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 400	77.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 300	79.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 200	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 100	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2500	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1600	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1400	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 700	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 200	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 100	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1600	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1400	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTON FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: SEP HOURS (LST): 100-2300

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	67.7	61.3	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 20000	62.8	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	62.9	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	62.9	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 14000	63.9	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	64.6	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	66.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	67.4	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	69.0	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 7000	71.3	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 6000	73.2	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 5000	75.6	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000	79.0	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	81.4	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	83.3	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1000	84.2	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 500	87.1	89.3	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 400	88.8	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 300	89.2	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 200	89.4	92.4	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 100	90.4	93.6	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 50	91.3	95.0	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 40	92.1	96.3	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 30	92.1	96.4	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 20	92.4	96.8	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 10	92.7	97.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 5	92.7	97.6	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4	92.7	97.7	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3	92.7	97.9	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2	92.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1	92.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE	92.7	98.0	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86

MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	53.0	54.1	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9
GE 2000	56.7	57.9	58.2	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7
GE 1800	56.8	58.0	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.8
GE 1600	56.9	58.0	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.8	58.8	58.8	58.9	58.9
GE 1400	57.3	58.5	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3
GE 1200	58.4	59.6	59.9	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.5	60.5	60.5
GE 1000	61.3	62.6	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.5	63.5
GE 900	62.7	63.9	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.8	64.8
GE 800	64.4	65.8	66.1	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.7
GE 700	67.0	68.6	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.5	69.5
GE 600	68.2	69.9	70.2	70.3	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8
GE 500	70.7	72.7	73.1	73.2	73.3	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.7
GE 400	72.6	74.8	75.2	75.3	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	75.9
GE 300	74.2	76.4	76.8	77.0	77.1	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 200	75.9	78.3	78.7	78.8	79.0	79.0	79.1	79.2	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 100	78.4	80.9	81.3	81.5	81.7	81.7	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1
GE 2500	81.2	84.1	84.6	84.8	85.0	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 2000	83.6	86.6	87.2	87.4	87.6	87.7	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.1
GE 1800	84.5	87.6	88.2	88.5	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.2	89.2
GE 1500	85.7	89.1	89.7	89.9	90.1	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.7	90.7
GE 1200	87.2	90.8	91.6	91.9	92.2	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.8	92.8
GE 1000	88.3	92.2	93.1	93.4	93.7	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.4
GE 900	88.7	93.1	94.0	94.4	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 800	89.0	93.6	94.5	94.9	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0
GE 700	89.3	94.1	95.1	95.5	96.0	96.1	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7
GE 600	89.6	94.8	95.9	96.4	96.9	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
GE 500	89.7	95.2	96.3	96.9	97.5	97.7	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 400	89.7	95.4	96.6	97.3	97.9	98.2	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2
GE 300	89.7	95.5	96.8	97.5	98.3	98.6	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6
GE 200	89.7	95.6	96.9	97.6	98.3	98.7	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8
GE 100	89.7	95.6	96.9	97.6	98.3	98.7	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	99.9
GE 0	89.7	95.6	96.9	97.6	98.3	98.7	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLU FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	50.9	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	54.2	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	54.3	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 16000	54.3	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	55.1	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	56.1	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	57.6	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 9000	60.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	61.1	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 7000	61.6	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 6000	62.0	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 5000	71.3	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	73.0	74.5	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 4000	74.3	76.0	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	76.2	77.7	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	77.7	79.5	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2500	81.8	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	82.9	85.6	85.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	87.2	88.1	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1600	87.2	88.1	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1400	87.2	88.1	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1200	85.5	88.9	88.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	86.0	89.9	89.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	86.8	91.2	91.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	86.9	91.8	91.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	87.1	92.3	92.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	87.7	92.9	92.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	88.1	93.9	93.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	88.1	93.9	93.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	88.1	93.9	93.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 200	88.1	93.9	93.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 100	88.1	93.9	93.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 0	88.1	93.9	93.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0700-0500

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		51.7	53.2	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.3
GE 20000		54.0	55.5	56.0	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7
GE 18000		54.1	55.6	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8
GE 16000		54.1	55.6	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8
GE 14000		54.9	56.5	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
GE 12000		55.8	57.3	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5
GE 10000		59.1	60.8	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.9	61.8	61.8	61.9
GE 9000		60.2	61.8	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
GE 8000		61.1	62.7	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0
GE 7000		64.5	66.2	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 6000		65.5	67.6	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 5000		68.8	71.3	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.6
GE 4500		70.4	73.2	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5
GE 4000		72.9	75.9	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3
GE 3500		74.2	77.4	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 3000		76.2	79.7	80.5	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3
GE 2500		77.5	83.2	84.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 2000		81.3	85.8	86.9	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 1800		81.4	86.1	87.2	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 1600		81.9	86.8	87.8	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 1400		87.9	89.2	90.3	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.7
GE 1200		84.2	89.8	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.4
GE 1000		84.6	90.4	91.5	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.9
GE 900		85.1	91.2	92.4	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.9
GE 800		85.3	92.2	93.5	94.2	94.6	94.6	94.6	94.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.3
GE 700		86.1	93.2	94.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 600		86.1	93.4	94.9	96.1	97.3	97.3	97.3	97.3	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.3
GE 500		86.1	93.4	94.9	96.1	97.3	97.3	97.3	97.3	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.3
GE 400		86.2	93.7	95.3	96.6	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.9
GE 300		86.2	93.8	95.4	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.9
GE 200		86.2	93.8	95.4	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.9
GE 100		86.2	93.8	95.4	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.9
GE 0		86.2	93.8	95.4	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.9

TOTAL NUMBER OF OBSERVATIONS: 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-EE
MONTH: OCT HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.2	47.7	48.8	49.1	49.5	49.6	49.9	49.9	49.9	50.0	50.2	50.3	50.3	50.3	50.3	50.5
GE 20000	46.2	51.1	52.2	52.5	52.8	52.9	53.2	53.2	53.2	53.3	53.5	53.7	53.7	53.7	53.7	54.1
GE 18000	48.2	51.1	52.2	52.5	52.8	52.9	53.2	53.2	53.2	53.3	53.5	53.7	53.7	53.7	53.8	54.1
GE 16000	48.2	51.1	52.2	52.5	52.8	52.9	53.2	53.2	53.2	53.3	53.5	53.7	53.7	53.7	53.8	54.1
GE 14000	49.1	52.0	53.1	53.4	53.8	53.9	54.2	54.2	54.2	54.3	54.5	54.6	54.6	54.6	54.7	55.1
GE 12000	50.4	53.3	54.4	54.7	55.1	55.2	55.5	55.5	55.5	55.6	55.8	55.9	55.9	55.9	56.0	56.3
GE 10000	54.8	57.8	58.9	59.2	59.6	59.7	60.1	60.1	60.1	60.2	60.4	60.5	60.5	60.5	60.6	61.0
GE 9000	55.8	58.9	60.0	60.3	60.6	60.6	61.2	61.2	61.2	61.3	61.5	61.6	61.6	61.6	61.7	62.0
GE 8000	57.1	60.2	61.3	61.6	61.9	62.0	62.5	62.5	62.5	62.6	62.8	62.9	62.9	62.9	63.0	63.3
GE 7000	60.0	63.2	64.3	64.6	64.9	65.2	65.7	65.7	65.7	65.8	66.0	66.1	66.1	66.1	66.2	66.6
GE 6000	61.2	64.4	65.5	65.8	66.1	66.3	66.9	66.9	66.9	67.0	67.2	67.3	67.3	67.3	67.4	67.7
GE 5000	63.4	66.9	68.1	68.4	68.7	68.9	69.5	69.5	69.5	69.6	69.8	69.9	69.9	69.9	70.0	70.3
GE 4000	64.5	68.0	69.1	69.5	69.8	70.0	70.5	70.5	70.5	70.6	70.9	71.0	71.0	71.0	71.1	71.4
GE 3000	66.2	69.8	71.0	71.3	71.6	71.8	72.4	72.4	72.4	72.5	72.7	72.8	72.8	72.8	72.9	73.2
GE 2000	68.1	71.8	73.0	73.3	73.7	74.0	74.6	74.6	74.6	74.7	74.9	75.1	75.1	75.1	75.2	75.5
GE 1000	70.8	75.1	76.3	76.7	77.0	77.3	78.0	78.0	78.0	78.1	78.3	78.4	78.4	78.4	78.5	78.8
GE 2000	73.3	78.4	79.7	80.0	80.4	80.8	81.6	81.7	81.7	81.8	82.0	82.2	82.2	82.2	82.3	82.6
GE 1800	76.1	81.3	82.6	83.0	83.4	84.0	84.8	85.1	85.1	85.2	85.4	85.5	85.5	85.5	85.6	85.9
GE 1600	76.7	82.0	83.3	83.9	84.3	84.8	85.7	85.9	85.9	86.0	86.2	86.3	86.3	86.3	86.4	86.8
GE 1400	77.6	83.2	84.6	85.2	85.7	86.2	87.1	87.3	87.3	87.4	87.6	87.7	87.7	87.7	87.8	88.2
GE 1200	78.8	84.7	86.1	86.7	87.3	87.8	88.7	88.9	88.9	89.0	89.2	89.4	89.4	89.4	89.5	89.8
GE 1000	79.6	85.8	87.2	87.7	88.5	89.0	89.9	90.2	90.2	90.3	90.5	90.6	90.6	90.6	90.8	91.1
GE 900	80.3	86.8	88.2	88.8	89.6	90.1	91.0	91.3	91.3	91.4	91.6	91.7	91.7	91.7	91.8	92.2
GE 800	80.8	87.5	88.9	89.6	90.3	91.0	91.8	92.3	92.3	92.4	92.6	92.7	92.7	92.7	92.8	93.1
GE 700	81.2	88.1	89.5	90.2	91.3	91.9	92.8	93.2	93.2	93.3	93.5	93.7	93.7	93.7	93.8	94.1
GE 600	81.8	89.5	90.9	91.6	93.0	93.9	94.9	95.5	95.6	95.9	96.2	96.3	96.3	96.3	96.5	96.8
GE 500	81.9	89.8	91.5	92.8	94.1	94.9	96.1	96.6	96.9	97.2	97.5	97.6	97.6	97.6	97.7	98.1
GE 400	82.2	90.1	91.8	93.1	94.4	95.5	96.9	97.4	97.5	97.8	98.3	98.4	98.4	98.4	98.5	98.8
GE 300	82.3	90.3	92.2	93.4	94.7	95.8	97.1	97.4	98.0	98.3	98.7	98.8	98.8	98.8	98.9	99.2
GE 200	82.3	90.3	92.2	93.4	94.7	95.9	97.2	98.0	98.1	98.5	98.9	99.0	99.0	99.0	99.1	99.6
GE 100	82.3	90.3	92.2	93.4	94.7	95.9	97.2	98.0	98.1	98.5	99.0	99.1	99.1	99.1	99.4	100.0
GE 0	80.3	90.3	92.2	93.4	94.7	95.9	97.2	98.0	98.1	98.5	99.0	99.1	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(IST): 0900-1100

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8
NO CEIL		42.8	45.3	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	42.3		51.2	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
GE 18000	42.3		51.4	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
GE 16000	42.3		51.4	51.5	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0
GE 14000	42.8	52.2		52.2	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7
GE 12000	42.7	52.9	53.0		53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5
GE 10000	53.4	56.8	56.9	57.2		57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
GE 9000	54.3	57.8	58.0	58.4	58.5		58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
GE 8000	56.0	59.7	59.8	60.2	60.3	60.3		60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
GE 7000	57.1	60.8	60.9	61.3	61.4	61.4	61.6		61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 6000	58.5	62.2	62.3	62.7	62.8	62.8	63.0	63.0		63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1
GE 5000	59.8	63.8	63.9	64.3	64.4	64.4	64.6	64.6	64.6		64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 4000	60.8	64.7	64.8	65.3	65.4	65.4	65.6	65.6	65.6	65.6		65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 3000	62.5	66.6	66.7	67.1	67.2	67.2	67.4	67.4	67.5	67.5	67.5		67.5	67.5	67.6	67.6	67.6	67.6
GE 2000	63.8	68.0	68.1	68.5	68.6	68.6	68.8	68.8	68.9	68.9	68.9	68.9		68.9	69.0	69.0	69.0	69.0
GE 1000	65.8	70.2	70.3	70.6	70.9	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
GE 2000	64.6	74.4	74.6	75.1	75.2	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 2000	77.0	78.5	79.0	79.7	79.9	79.9	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	74.1	79.9	80.5	81.2	81.4	81.4	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 1600	75.9	82.2	83.0	83.7	84.1	84.2	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 1400	79.2	85.4	86.2	86.9	87.3	87.5	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 1000	75.6	87.1	88.0	88.6	89.0	89.4	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 900	80.6	88.8	89.8	90.6	91.3	91.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 800	81.4	90.0	91.0	91.8	92.7	93.0	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 700	81.6	90.4	91.6	92.5	93.7	94.2	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 600	81.6	91.6	92.9	93.8	95.1	96.1	97.4	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 500	81.6	91.7	93.1	94.1	95.4	96.5	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	81.8	91.9	93.3	94.3	95.6	96.7	98.5	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	81.8	91.9	93.3	94.3	95.6	96.8	98.6	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	81.8	91.9	93.3	94.3	95.6	96.8	98.6	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	81.8	91.9	93.3	94.3	95.6	96.8	98.6	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	81.8	91.9	93.3	94.3	95.6	96.8	98.6	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLU FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(EST): 1700-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16
NO CEIL	43.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 2000	49.2	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 1800	49.2	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 1600	49.2	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 1400	49.8	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 1200	51.1	52.8	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 1000	53.8	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 900	54.4	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 800	55.9	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 700	57.4	59.6	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 600	57.8	60.2	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 500	59.5	61.6	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 450	60.4	62.6	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 400	62.5	64.6	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 350	64.0	66.1	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 300	66.0	70.3	70.5	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 250	73.0	75.7	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 200	76.6	79.6	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 180	79.1	81.4	81.6	82.3	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 150	80.9	85.3	86.0	86.7	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 120	82.6	87.8	88.8	89.0	90.2	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 100	84.0	89.6	91.0	91.9	92.8	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 90	84.6	91.0	92.2	93.1	94.0	94.0	94.2	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 80	84.6	91.7	92.6	94.1	95.2	95.3	95.6	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 70	84.6	91.9	93.1	94.3	95.4	95.5	95.8	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 60	84.9	92.6	93.9	95.6	96.7	96.9	97.4	97.4	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 50	84.9	92.7	94.0	95.6	96.9	97.2	97.8	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 40	84.9	92.7	94.0	95.6	97.0	97.4	98.2	99.1	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 30	84.9	92.8	94.1	96.0	97.1	97.6	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	84.9	92.8	94.1	96.0	97.1	97.6	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	84.9	92.8	94.1	96.0	97.1	97.6	98.4	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(UT): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CEIL	45.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	50.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	50.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	50.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 14000	51.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	52.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 10000	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 9000	55.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000	57.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 7000	59.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	60.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 5000	63.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4500	64.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4000	66.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	70.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	74.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 2500	77.2	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2000	79.5	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	81.1	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1500	82.9	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	84.1	90.0	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	85.7	91.8	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 900	85.7	92.3	93.2	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	85.8	92.5	93.5	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	85.9	93.0	94.1	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	86.0	93.3	94.7	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	86.0	93.3	95.1	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	86.0	93.3	95.1	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	86.0	93.3	95.1	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 200	86.0	93.3	95.1	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 100	86.0	93.3	95.1	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 0	86.0	93.3	95.1	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT HOURS(151): 19.0-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 2000	53.3	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 1800	53.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 1600	53.8	54.8	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 1400	54.4	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 1200	55.8	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 1000	59.1	60.3	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 900	60.4	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 800	61.7	63.2	63.4	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 700	64.2	66.0	66.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 600	64.7	66.7	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 500	68.0	69.9	70.1	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 400	70.6	72.6	73.0	73.1	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 300	73.1	75.3	75.5	75.6	75.6	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 200	75.6	77.7	78.0	78.1	78.1	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 100	78.6	81.1	81.3	81.4	81.4	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2500	81.4	84.7	85.1	85.3	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	82.9	86.7	87.1	87.3	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	83.5	87.7	88.2	88.5	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1600	85.9	90.9	91.4	91.8	92.3	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1400	86.7	91.8	92.4	92.9	93.3	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	87.2	92.8	93.3	94.0	94.4	94.5	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	87.7	93.5	94.2	95.2	95.6	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	87.8	93.9	94.6	95.6	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.7	96.7	96.7
GE 800	88.0	94.1	94.9	96.0	96.5	96.6	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.3	97.3	97.3
GE 700	88.0	94.5	95.6	96.8	97.4	97.5	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4
GE 600	88.1	94.6	95.7	97.0	97.7	98.1	98.5	98.6	98.7	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 500	88.1	94.6	95.7	97.1	97.8	98.3	98.7	99.0	99.1	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 400	88.1	94.6	95.7	97.1	98.0	98.4	98.8	99.2	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	88.1	94.6	95.7	97.1	98.0	98.4	98.8	99.2	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	88.1	94.6	95.7	97.1	98.0	98.4	98.8	99.2	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	88.1	94.6	95.7	97.1	98.0	98.4	98.8	99.2	99.4	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS (LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/16
NO CEIL	49.1	49.6	50.0	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	53.0	53.5	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 18000	53.7	54.2	54.6	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 16000	53.8	54.3	54.7	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000	54.4	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	55.1	55.7	56.1	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 10000	59.6	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	61.2	61.9	62.4	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 8000	62.4	63.3	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 7000	66.3	67.3	67.7	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	67.6	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 5000	70.4	71.6	72.0	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500	71.1	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	71.1	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	76.6	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	78.7	80.9	81.4	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2500	81.4	84.3	84.9	85.3	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	81.0	86.3	87.0	87.3	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	83.4	87.0	87.7	88.1	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1600	84.7	89.0	90.1	90.5	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1400	85.6	90.1	91.2	91.6	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1200	86.8	91.4	92.7	93.1	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	87.2	92.2	93.7	94.3	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 900	87.2	92.2	93.7	94.3	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	87.5	92.5	94.9	95.7	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	87.5	93.1	95.7	96.6	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	87.6	94.3	96.3	97.5	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	87.6	94.3	96.3	97.5	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	87.6	94.3	96.3	97.5	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	87.6	94.3	96.3	97.5	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	87.6	94.3	96.3	97.5	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 100	87.6	94.3	96.3	97.5	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 0	87.6	94.3	96.3	97.5	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727533 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: OCT HOURS(UTC): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4
NO CEIL	47.0	48.3	48.0	48.0	48.8	48.6	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0
GE 20000	51.3	52.9	53.2	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.7
GE 18000	51.5	53.1	53.4	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8
GE 16000	51.5	53.1	53.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8
GE 14000	52.2	53.6	54.1	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6
GE 12000	53.3	54.9	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
GE 10000	56.7	58.5	58.8	59.0	59.7	59.0	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 9000	57.8	59.6	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4
GE 8000	59.1	61.0	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9
GE 7000	61.8	63.8	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8
GE 6000	62.8	64.9	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9
GE 5000	65.5	67.8	68.1	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8
GE 4500	67.2	69.6	70.0	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.7
GE 4000	69.2	71.7	72.1	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8
GE 3500	71.0	73.6	74.0	74.3	74.4	74.4	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.8
GE 3000	73.8	76.6	77.1	77.4	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.9
GE 2500	77.2	80.6	81.2	81.5	81.7	81.7	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2
GE 2000	79.4	83.3	83.9	84.4	84.6	84.7	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 1800	80.2	84.4	85.1	85.6	85.9	86.0	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5
GE 1500	81.8	86.6	87.4	88.0	88.3	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1
GE 1200	83.2	88.5	89.4	90.0	90.4	90.6	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4
GE 1000	84.1	89.8	90.8	91.4	91.9	92.1	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9
GE 900	84.7	90.8	91.8	92.6	93.1	93.3	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
GE 800	84.9	91.3	92.4	93.3	93.9	94.1	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8
GE 700	85.1	91.9	93.1	94.0	94.6	94.9	95.4	95.6	95.7	95.8	95.9	95.9	95.9	96.0	96.0	96.0
GE 600	85.4	92.7	94.0	95.1	95.8	96.3	96.8	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.7
GE 500	85.6	93.0	94.5	95.8	96.7	97.2	97.9	98.3	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.9
GE 400	85.6	93.1	94.6	96.0	97.0	97.5	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	85.6	93.1	94.7	96.1	97.1	97.7	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	85.6	93.1	94.7	96.1	97.1	97.7	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	85.6	93.1	94.7	96.1	97.1	97.7	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	85.6	93.1	94.7	96.1	97.1	97.7	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV FOURSEILST: 0000-0400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2
NO CEIL	40.1	41.7	42.1	42.2	42.6	42.7	42.9	43.7	43.2	43.2	43.3	43.3	43.4	43.4	43.6	43.7
GE 20000	42.2	43.6	44.2	44.3	44.7	44.8	45.0	45.3	45.3	45.3	45.4	45.4	45.6	45.6	45.7	45.8
GE 18000	42.4	44.0	44.4	44.6	44.9	45.0	45.2	45.6	45.6	45.6	45.7	45.7	45.8	45.8	45.9	46.0
GE 16000	42.4	44.0	44.4	44.6	44.9	45.0	45.2	45.6	45.6	45.6	45.7	45.7	45.9	45.8	45.9	46.0
GE 14000	42.7	44.2	44.7	44.8	45.1	45.2	45.4	45.8	45.8	45.8	45.9	45.9	46.2	46.0	46.1	46.2
GE 12000	43.2	44.9	45.3	45.4	45.8	45.9	46.1	46.4	46.4	46.4	46.6	46.6	46.7	46.7	46.8	46.9
GE 10000	47.0	50.7	51.1	51.2	51.7	51.8	52.0	52.3	52.3	52.3	52.4	52.4	52.6	52.6	52.7	52.8
GE 9000	47.6	51.2	51.7	51.8	52.2	52.3	52.6	52.9	52.9	52.9	53.0	53.0	53.1	53.1	53.2	53.3
GE 8000	51.2	52.9	53.3	53.4	53.9	54.0	54.2	54.6	54.6	54.6	54.7	54.7	54.8	54.8	54.9	55.0
GE 7000	57.3	55.1	55.6	55.7	56.1	56.2	56.4	56.9	56.9	56.9	56.9	56.9	57.2	57.0	57.1	57.2
GE 6000	55.1	56.9	57.3	57.6	58.0	58.1	58.3	58.7	58.7	58.7	58.9	58.8	58.9	58.9	59.0	59.1
GE 5000	55.9	58.2	58.8	59.1	59.6	59.7	60.0	60.3	60.3	60.3	60.4	60.4	60.6	60.6	60.7	60.8
GE 4000	56.4	58.8	59.3	59.7	60.1	60.2	60.5	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.2	61.3
GE 3000	57.7	60.1	60.7	61.0	61.4	61.6	61.9	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.6	62.7
GE 2000	58.9	61.6	62.1	62.6	63.0	63.1	63.4	63.8	63.8	63.8	63.9	63.9	64.0	64.0	64.1	64.2
GE 1000	62.2	65.4	66.0	66.4	66.9	67.0	67.3	67.7	67.7	67.7	67.8	67.8	67.9	67.9	68.0	68.1
GE 2500	66.7	70.2	70.6	71.3	72.2	72.4	72.8	73.1	73.1	73.1	73.2	73.2	73.3	73.3	73.4	73.6
GE 2000	70.2	74.2	74.9	75.4	76.4	76.8	77.2	77.6	77.6	77.6	77.7	77.7	77.8	77.8	77.9	78.0
GE 1800	70.9	75.3	76.0	76.6	77.9	78.2	78.7	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.3	79.4
GE 1600	72.7	77.4	78.2	79.0	80.2	80.7	81.1	81.6	81.7	81.7	81.9	81.8	81.9	81.9	82.0	82.1
GE 1400	75.0	80.4	81.4	82.6	83.9	84.3	84.9	85.3	85.4	85.4	85.6	85.6	85.7	85.7	85.8	85.9
GE 1200	75.3	81.4	82.6	84.3	86.1	86.6	87.2	87.8	88.0	88.0	88.2	88.2	88.3	88.3	88.4	88.6
GE 1000	75.3	81.6	82.7	84.6	86.4	86.9	87.7	88.2	88.4	88.4	88.7	88.7	88.8	88.8	88.9	89.0
GE 900	75.9	82.2	83.4	85.3	87.2	87.7	88.4	89.3	89.6	89.6	89.8	89.8	89.9	89.9	90.0	90.1
GE 800	75.9	82.6	84.1	86.0	87.9	88.3	89.1	90.0	90.2	90.2	90.4	90.4	90.6	90.6	90.7	90.8
GE 700	76.2	83.3	85.2	87.3	89.2	89.7	90.8	91.8	92.1	92.3	92.6	92.6	92.7	92.7	92.8	92.9
GE 600	76.2	83.6	85.4	87.8	89.8	90.2	91.7	92.7	93.1	93.7	93.9	93.9	94.0	94.0	94.1	94.2
GE 500	76.2	83.7	85.8	88.3	90.4	90.9	92.7	94.1	94.6	95.2	95.4	95.4	95.8	95.8	95.9	96.0
GE 400	76.2	83.8	86.2	88.9	91.2	91.9	93.9	95.4	96.0	96.7	96.9	96.9	97.2	97.2	97.3	97.4
GE 300	76.2	83.8	86.2	89.0	91.3	92.0	94.0	95.8	96.6	97.4	97.8	97.8	98.4	98.4	98.9	99.1
GE 200	76.2	83.8	86.2	89.0	91.3	92.0	94.0	95.8	96.6	97.4	97.8	97.8	98.4	98.4	98.9	99.1
GE 100	76.2	83.8	86.2	89.0	91.3	92.0	94.0	95.8	96.6	97.4	97.8	97.8	98.4	98.4	98.9	99.1
GE 0	76.2	83.8	86.2	89.0	91.3	92.0	94.0	95.8	96.6	97.4	97.8	97.8	98.4	98.4	98.9	99.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
NO CEIL	39.6	41.6	42.2	42.7	43.0	43.0	43.0	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.8
GE 20000	42.4	44.6	45.2	45.7	46.0	46.0	46.0	46.1	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.6
GE 18000	42.6	44.7	45.3	45.8	46.1	46.1	46.1	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.9
GE 16000	42.6	44.7	45.3	45.8	46.1	46.1	46.1	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.9
GE 14000	43.0	45.1	45.8	46.2	46.6	46.6	46.6	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.3
GE 12000	44.4	46.6	47.2	47.8	48.1	48.1	48.1	48.2	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.9
GE 10000	49.1	51.2	51.9	52.4	52.8	52.8	52.8	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.6
GE 9000	49.9	52.0	52.7	53.2	53.6	53.6	53.6	53.7	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.3
GE 8000	51.0	53.1	53.8	54.3	54.7	54.7	54.7	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.4
GE 7000	53.4	56.0	56.7	57.2	57.6	57.6	57.7	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.4
GE 6000	54.0	56.7	57.4	58.0	58.3	58.3	58.4	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	59.2
GE 5000	54.6	57.2	58.1	58.7	59.0	59.0	59.2	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	60.0
GE 4500	55.4	58.1	59.1	59.6	60.1	60.1	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	61.1
GE 4000	56.0	58.7	59.8	60.4	60.8	60.8	61.0	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.8
GE 3500	56.8	59.6	60.7	61.4	61.8	61.8	62.0	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.8
GE 3000	60.1	63.1	64.4	65.2	65.6	65.6	65.8	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.6
GE 2500	63.2	66.4	68.1	69.1	69.6	69.6	69.9	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.7
GE 2000	65.8	70.1	71.9	72.9	73.7	73.7	74.1	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.9
GE 1800	65.9	71.6	73.4	74.6	75.7	75.7	76.1	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.9
GE 1600	68.9	74.0	76.0	77.2	78.6	78.6	79.1	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8	80.1
GE 1200	70.4	76.6	79.2	80.7	82.2	82.2	82.9	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	84.2
GE 1000	71.0	78.0	80.8	82.4	84.2	84.2	85.0	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.4
GE 900	71.6	79.0	82.0	83.7	85.7	85.9	86.7	87.2	87.2	87.8	87.8	87.8	87.8	87.8	87.8	88.2
GE 800	71.7	79.6	82.6	84.4	86.6	86.9	87.7	88.3	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.6
GE 700	72.0	80.0	83.0	85.0	87.1	87.4	88.2	88.9	88.9	89.7	89.7	89.7	89.7	89.7	89.7	90.1
GE 600	72.2	80.7	83.6	85.6	88.1	88.4	89.2	89.9	89.9	90.8	90.8	90.8	90.8	90.8	90.8	91.3
GE 500	72.3	81.0	84.1	86.4	88.9	89.2	90.0	90.8	90.8	91.6	91.6	91.6	91.6	91.6	91.6	92.0
GE 400	72.3	81.3	84.8	87.1	89.9	90.2	91.2	92.2	92.2	93.3	93.3	93.3	93.3	93.3	93.3	94.3
GE 300	72.3	81.3	84.9	87.7	90.4	91.2	92.2	93.4	93.6	94.6	94.6	94.6	94.6	94.6	94.6	95.9
GE 200	72.3	81.3	84.9	87.7	90.6	91.3	92.6	93.8	94.0	95.7	95.7	95.7	95.7	95.7	95.7	97.6
GE 100	72.3	81.3	84.9	87.7	90.6	91.3	92.6	93.8	94.0	95.8	95.8	95.8	95.8	95.8	95.8	99.4
GE	72.3	81.3	84.9	87.7	90.6	91.3	92.6	93.8	94.0	95.8	95.8	95.8	95.8	95.8	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-88

MONTH: NOV HOURS(LOCAL): 0600-0600

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
NO CEIL	40.9	42.7	42.9	43.0	43.7	43.8	43.9	43.9	43.9	43.9	44.0	44.0	44.1	44.2	44.3	44.4
GE 20000	44.2	46.3	46.6	46.7	47.3	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000	44.8	46.9	47.1	47.2	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.3	48.4	48.6	48.6
GE 16000	44.8	46.9	47.1	47.2	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.3	48.4	48.6	48.6
GE 14000	45.2	47.3	47.6	47.7	48.3	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.9	49.0	49.2
GE 12000	46.4	48.7	48.9	49.3	49.7	49.8	49.9	49.9	49.9	50.1	50.1	50.2	50.3	50.4	50.7	50.9
GE 10000	50.8	53.0	53.2	53.3	54.1	54.3	54.4	54.4	54.4	54.7	54.7	54.8	54.9	55.3	55.2	55.4
GE 9000	51.6	53.8	54.0	54.1	54.9	55.1	55.2	55.2	55.2	55.6	55.6	55.7	55.8	55.9	56.1	56.3
GE 8000	52.6	54.9	55.1	55.2	56.0	56.2	56.3	56.3	56.3	56.7	56.7	56.8	56.9	57.3	57.2	57.4
GE 7000	54.4	57.0	57.2	57.3	58.1	58.3	58.4	58.4	58.4	58.6	58.8	58.9	59.0	59.1	59.3	59.6
GE 6000	55.0	57.7	57.9	58.0	58.8	59.0	59.1	59.1	59.1	59.4	59.4	59.6	59.7	59.9	60.1	60.3
GE 5000	55.4	58.1	58.3	58.4	59.2	59.4	59.7	59.7	59.7	60.0	60.0	60.1	60.2	60.4	60.7	60.9
GE 4500	56.8	59.4	59.8	59.9	60.7	60.9	61.1	61.1	61.1	61.4	61.4	61.6	61.7	61.9	62.1	62.3
GE 4000	58.0	61.0	61.4	61.6	62.6	62.6	63.0	63.0	63.2	63.4	63.4	63.6	63.7	63.9	64.1	64.3
GE 3500	58.7	61.7	62.1	62.2	63.2	63.4	63.7	63.7	63.7	64.1	64.1	64.2	64.3	64.4	64.6	64.8
GE 3000	60.1	63.2	63.7	63.8	64.9	65.0	65.2	65.2	65.2	65.7	65.7	65.8	65.9	66.1	66.3	66.6
GE 2500	62.6	66.2	67.1	67.3	68.4	68.7	69.0	69.0	69.0	69.4	69.4	69.6	69.7	69.9	70.1	70.3
GE 2000	64.7	68.8	69.4	70.4	71.8	72.2	72.7	72.9	72.9	73.3	73.3	73.4	73.6	73.6	74.0	74.4
GE 1800	65.7	69.7	70.8	71.1	72.7	73.1	73.6	73.8	73.8	74.2	74.2	74.3	74.4	74.7	74.9	75.1
GE 1500	67.4	72.6	74.3	74.7	76.3	76.8	77.3	77.6	77.7	78.1	78.1	78.2	78.3	78.6	78.6	79.1
GE 1200	69.3	75.4	77.0	77.4	79.2	79.7	80.3	80.7	80.8	81.2	81.2	81.3	81.5	81.9	82.0	82.5
GE 1000	70.2	76.8	78.6	79.0	81.1	81.6	82.2	83.1	83.2	83.7	83.7	83.8	84.0	84.2	84.4	84.7
GE 900	70.7	77.3	79.1	79.7	82.0	82.4	83.1	84.1	84.2	84.7	84.7	84.8	85.0	85.2	85.4	85.7
GE 800	70.9	77.9	79.7	80.3	82.4	83.3	84.3	85.4	85.6	86.0	86.0	86.1	86.3	86.6	86.8	87.1
GE 700	71.2	78.4	80.2	81.1	83.6	84.1	85.3	86.7	86.8	87.2	87.2	87.3	87.6	87.8	88.0	88.2
GE 600	71.6	79.6	81.0	82.0	85.1	85.7	86.9	88.2	88.3	88.8	88.8	88.9	89.1	89.3	89.6	89.8
GE 500	72.0	80.6	82.0	83.9	86.8	87.3	88.8	90.1	90.2	90.8	90.8	90.9	91.0	91.2	91.4	91.7
GE 400	72.1	81.0	83.3	85.0	88.7	89.1	90.7	92.1	92.2	93.0	93.3	93.4	93.7	93.9	94.1	94.3
GE 300	72.1	81.0	83.3	85.0	88.7	89.6	91.4	93.1	93.3	94.3	94.7	94.8	95.0	95.2	95.4	95.7
GE 200	72.1	81.0	83.3	85.0	88.8	90.0	91.9	93.8	94.1	95.3	95.8	95.9	96.6	96.8	97.2	97.6
GE 100	72.1	81.0	83.3	85.0	88.8	90.0	91.9	93.8	94.1	95.4	96.0	96.1	97.2	97.7	98.4	98.9
GE 0	72.1	81.0	83.3	85.0	88.8	90.0	91.9	93.8	94.1	95.4	96.0	96.1	97.2	97.7	98.4	98.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(EST): 1900-1100

CEILING IN FEET	GE 1	GE 10	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES										GE 1 1/4	GE 1
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16	GE 1/4	GE 1/8		
NO CEIL	47.3	43.2	43.0	43.7	43.9	44.0	44.3	44.3	44.3	44.4	45.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 2000	44.1	47.4	47.9	48.0	48.7	48.3	48.7	48.7	48.7	48.8	49.7	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 1800	44.3	47.7	48.2	48.3	48.6	48.7	49.0	49.0	49.0	49.1	49.7	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 1600	44.3	47.7	48.2	48.3	48.6	48.7	49.0	49.0	49.0	49.1	49.7	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 1400	45.8	49.1	49.7	49.8	50.0	50.1	50.4	50.4	50.4	50.6	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2
GE 1200	46.3	49.7	50.2	50.3	50.6	50.7	51.0	51.0	51.0	51.1	51.7	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 1000	57.1	53.6	54.2	54.4	54.7	54.8	55.1	55.1	55.1	55.2	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 900	51.0	54.4	55.1	55.3	55.6	55.7	56.0	56.0	56.0	56.2	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 800	52.4	55.9	56.6	56.9	57.1	57.2	57.6	57.6	57.6	57.9	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 700	53.6	57.2	57.9	58.3	58.6	58.7	59.0	59.0	59.1	59.3	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 600	54.1	57.9	58.6	59.0	59.2	59.3	59.8	59.8	59.8	60.1	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 500	54.4	58.2	58.9	59.3	59.6	59.7	60.3	60.3	60.3	60.7	61.5	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 450	55.2	59.2	59.9	60.3	60.6	60.7	61.3	61.3	61.3	61.7	62.5	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 400	56.1	60.3	61.1	61.7	61.9	62.0	62.7	62.7	62.7	63.0	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 350	57.4	61.7	62.4	63.0	63.2	63.3	64.0	64.0	64.0	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 300	59.7	63.6	64.3	64.9	65.1	65.2	65.9	65.9	65.9	66.2	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 250	61.7	66.1	66.9	67.4	67.7	67.9	68.6	68.7	68.7	69.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 200	64.2	69.0	69.9	70.6	70.9	71.1	71.8	72.1	72.1	72.6	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 180	65.1	69.9	70.9	71.6	72.0	72.3	73.0	73.1	73.3	73.6	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7
GE 160	67.9	73.7	75.0	76.1	76.7	77.1	77.9	78.3	78.3	78.8	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 140	70.2	77.6	79.0	80.1	80.7	81.1	81.9	82.4	82.4	82.9	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 120	73.7	78.1	79.6	80.9	81.6	82.3	83.7	84.0	84.0	84.4	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 100	70.9	76.6	80.2	81.3	82.0	82.8	83.9	84.7	84.7	85.2	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2
GE 90	71.3	79.4	81.1	82.2	83.0	83.8	85.0	85.9	86.0	86.7	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8
GE 80	71.7	80.2	82.0	83.1	84.0	84.6	86.1	87.0	87.2	88.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4
GE 70	71.9	81.1	83.0	84.3	85.4	86.2	87.6	88.4	88.8	89.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2
GE 60	72.0	81.4	83.3	84.8	86.2	87.7	89.2	90.6	90.9	92.3	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 50	72.0	81.6	83.4	85.0	86.4	88.4	90.4	92.4	92.7	94.3	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 40	72.0	81.6	83.4	85.0	86.4	88.4	90.4	92.4	92.7	94.3	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 30	72.0	81.6	83.4	85.0	86.4	88.4	90.4	92.4	92.7	94.3	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 20	72.0	81.6	83.4	85.0	86.4	88.4	90.4	92.4	92.7	94.3	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2
GE 10	72.0	81.6	83.4	85.0	86.4	88.4	90.4	92.4	92.7	94.3	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 1/16	GE 1/32
NO CEIL	41.8	43.3	43.6	43.7	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000	47.6	49.6	49.6	49.9	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 18000	47.7	49.8	50.0	50.1	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 16000	47.8	49.9	50.1	50.2	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	48.8	50.9	51.1	51.2	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 12000	50.0	52.2	52.4	52.6	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	54.6	57.1	57.3	57.4	58.0	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	56.8	59.4	59.7	59.8	60.3	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 7000	57.4	60.2	60.4	60.6	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 6000	57.8	60.6	60.9	61.0	61.6	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 5000	59.2	61.2	61.6	61.7	62.2	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 4500	59.7	61.7	62.0	62.1	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4000	59.3	62.4	62.8	62.9	63.4	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 3500	60.2	63.3	63.7	63.8	64.3	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 3000	62.3	65.7	66.1	66.2	66.9	66.9	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 2500	65.7	69.2	69.7	69.9	70.5	70.5	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 2000	64.9	72.7	73.1	73.3	74.0	74.0	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 1800	70.1	74.3	74.8	75.1	75.8	75.8	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1600	71.7	78.9	79.4	79.8	80.6	80.6	81.2	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1400	75.9	81.7	82.2	82.7	83.7	83.7	84.6	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	77.4	83.8	84.4	84.9	86.0	86.0	87.2	88.2	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	79.1	85.0	86.0	86.7	87.8	87.8	89.0	90.2	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	79.6	85.9	87.0	87.7	89.0	89.0	90.3	91.6	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	79.6	86.4	87.8	88.8	90.1	90.7	91.6	92.8	93.1	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	79.6	86.6	88.3	89.0	91.0	91.9	93.1	94.3	94.7	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	79.6	86.6	88.3	89.7	91.1	92.4	93.8	95.0	95.3	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.7	96.0	96.8	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 400	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.7	96.2	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 300	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.7	96.3	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.7	96.3	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.7	96.3	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 0	79.6	86.7	88.4	89.8	91.2	92.7	94.2	95.7	96.3	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 70753J STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: NOV HOURS(IST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	0
NO CEIL	40.8	41.8	41.9	42.1	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 20000	47.8	49.1	49.2	49.4	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	48.0	49.3	49.4	49.7	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 16000	48.0	49.3	49.4	49.7	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	48.8	50.1	50.2	50.4	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000	50.2	51.6	51.7	51.9	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 10000	52.4	54.3	54.4	54.7	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 9000	53.2	55.1	55.2	55.4	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 8000	54.4	56.9	57.0	57.2	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 7000	56.1	58.3	58.4	58.7	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 6000	57.0	59.6	59.7	59.9	60.3	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 5000	59.6	61.6	61.8	62.1	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 4500	59.8	62.8	63.0	63.4	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 4000	60.7	63.9	64.1	64.7	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3500	61.3	64.7	64.9	65.4	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 3000	64.4	67.4	67.5	68.0	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 2500	67.4	71.1	71.3	72.0	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 2000	70.0	75.0	75.3	76.1	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 1800	71.2	76.0	76.3	77.1	77.7	77.7	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1600	74.7	80.6	81.2	82.4	82.9	83.1	83.3	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1400	77.0	84.2	85.0	86.0	86.8	87.1	87.4	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1200	78.0	85.0	86.4	87.6	88.7	89.1	89.4	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	78.6	87.1	88.0	89.3	90.1	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	78.8	87.3	88.2	89.8	90.6	91.3	91.9	93.1	93.2	93.8	94.2	94.2	94.3	94.3	94.4	94.4	94.4
GE 800	78.9	87.7	88.7	90.2	91.3	92.0	92.7	93.9	94.0	94.6	95.1	95.1	95.2	95.3	95.4	95.4	95.4
GE 700	78.9	87.7	88.9	90.6	91.9	92.6	93.7	94.9	95.0	95.6	96.1	96.1	96.2	96.3	96.4	96.4	96.4
GE 600	78.9	87.9	89.1	91.0	92.1	93.0	94.1	95.3	95.4	96.0	96.9	96.9	97.0	97.1	97.2	97.2	97.2
GE 500	78.9	88.1	89.3	91.2	92.3	93.2	94.3	95.7	95.8	96.3	97.3	97.3	97.6	97.9	98.0	98.3	98.3
GE 400	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.1	96.6	97.8	97.8	98.2	98.6	98.7	99.0	99.0
GE 300	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.1	96.6	97.8	97.8	98.2	98.6	98.7	99.0	99.0
GE 200	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.1	96.6	97.8	97.8	98.2	98.6	98.7	99.0	99.0
GE 100	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.1	96.6	97.8	97.8	98.2	98.6	98.7	99.0	99.0
GE 0	78.9	88.1	89.3	91.2	92.4	93.4	94.7	96.0	96.1	96.6	97.8	97.8	98.2	98.6	98.7	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 0
NO CEIL	41.6	43.0	43.0	43.0	43.1	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 20000	45.3	46.9	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 18000	45.3	46.9	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 16000	45.3	46.9	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 14000	45.7	47.2	47.2	47.2	47.3	47.3	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 12000	46.7	48.2	48.3	48.3	48.4	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	51.2	53.1	53.2	53.2	53.3	53.3	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 9000	52.2	54.1	54.2	54.2	54.3	54.3	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 8000	54.4	56.6	56.7	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 7000	56.7	59.0	59.1	59.1	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 6000	57.2	60.0	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 5000	59.3	62.7	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 4000	61.2	64.6	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 3000	62.4	65.9	66.1	66.2	66.3	66.4	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2500	63.6	67.0	67.3	67.4	67.7	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 2000	65.4	69.2	69.6	69.7	70.0	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 1800	64.0	72.1	72.4	72.6	72.9	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1600	71.6	76.6	77.0	77.1	77.6	77.8	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 1400	72.8	79.1	79.7	79.8	79.3	79.6	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1200	74.9	81.1	81.6	81.9	82.6	82.8	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1000	77.2	84.6	85.3	85.6	86.4	86.7	87.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	78.1	85.7	86.6	86.9	88.0	88.2	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 800	77.2	87.2	88.1	88.6	89.8	90.0	91.1	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 700	79.4	87.9	89.2	89.9	91.2	91.4	92.6	92.7	92.7	93.1	93.2	93.3	93.3	93.3	93.3	93.3
GE 600	79.4	88.6	89.9	90.6	91.9	92.1	93.2	93.3	93.3	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 500	80.0	90.1	91.7	92.3	93.8	94.0	95.1	95.2	95.2	95.8	96.0	96.0	96.1	96.1	96.1	96.1
GE 400	80.1	90.2	91.9	92.8	94.2	94.4	95.6	95.8	95.8	96.6	96.8	96.9	96.9	96.9	96.9	96.9
GE 300	80.1	90.3	92.0	92.9	94.3	94.6	95.8	96.0	96.0	97.0	97.3	97.3	97.4	97.4	97.4	97.4
GE 200	80.1	90.3	92.0	93.2	94.8	95.0	96.2	96.6	96.6	97.6	98.0	98.0	98.1	98.1	98.1	98.1
GE 100	80.1	90.3	92.0	93.2	94.8	95.0	96.3	96.7	96.8	98.0	98.7	98.7	99.1	99.1	99.1	99.1
GE 0	80.1	90.3	92.0	93.2	94.8	95.0	96.3	96.7	96.8	98.0	98.7	98.7	99.1	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 600

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV HOURS(IST): 2100-2300

CEILING IN FEET	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES										GE 1/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 6
							GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 6						
NO CEIL	42.0	41.6	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.1	42.2	42.2	42.4	42.4	42.4	42.8						
GE 20000	42.4	44.7	44.8	45.0	45.2	45.2	45.2	45.2	45.2	45.3	45.4	45.4	45.7	45.7	45.7	46.0						
GE 18000	42.0	44.6	44.6	45.1	45.3	45.3	45.3	45.3	45.3	45.4	45.6	45.6	45.8	45.8	45.8	46.1						
GE 16000	42.0	44.6	44.6	45.1	45.3	45.3	45.3	45.3	45.3	45.4	45.6	45.6	45.8	45.8	45.8	46.1						
GE 14000	42.7	45.4	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.1	46.2	46.2	46.4	46.4	46.4	46.5						
GE 12000	42.7	47.2	47.3	47.6	47.8	47.8	47.8	47.8	47.8	47.9	48.0	48.0	48.2	48.2	48.2	48.6						
GE 10000	52.2	52.4	52.4	52.7	52.9	52.9	52.9	52.9	52.9	53.0	53.2	53.2	53.4	53.4	53.4	53.8						
GE 9000	52.7	53.3	53.6	53.6	54.0	54.0	54.0	54.0	54.0	54.1	54.3	54.3	54.6	54.6	54.6	54.9						
GE 8000	52.2	55.4	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.2	56.4	56.4	56.7	56.7	56.7	57.0						
GE 7000	52.4	57.7	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.4	58.7	58.7	58.9	58.9	58.9	59.2						
GE 6000	52.1	59.6	59.8	60.0	60.2	60.2	60.2	60.2	60.2	60.3	60.6	60.6	60.8	60.8	60.8	61.1						
GE 5000	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.2	62.2	62.2	62.6						
GE 4000	61.7	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.9	62.9	63.1	63.1	63.1	63.4						
GE 3000	62.6	63.7	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.6	64.6	64.8	64.8	64.8	65.1						
GE 2000	62.6	64.7	65.3	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.2	66.2	66.4	66.4	66.4	66.8						
GE 1000	62.6	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.8	70.2	70.0	70.2	70.2	70.2	70.6						
GE 800	71.1	71.7	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.3	73.3	73.6	73.6	73.6	73.9						
GE 700	71.7	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.9	72.9	73.1	73.1	73.1	73.4						
GE 600	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4						
GE 500	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4						
GE 400	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4						
GE 300	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4						
GE 200	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4						
GE 100	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4						
GE 0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4						

TOTAL NUMBER OF OBSERVATIONS: 300

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECOR FLD FARGO ND

PERIOD OF RECORD: 77-84
MONTH: NOV FOUR(1ST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1 10	GE 6	GE 5	GF 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	47.6	42.3	42.6	42.6	43.1	43.1	43.3	43.3	43.3	43.4	43.5	43.5	43.6	43.6	43.6	43.8	
GE 20000	44.6	46.5	46.8	47.0	47.3	47.4	47.5	47.6	47.6	47.7	47.8	47.8	47.9	47.9	47.9	48.0	
GE 18000	44.8	46.8	47.0	47.2	47.6	47.6	47.8	47.8	47.8	47.9	48.0	48.0	48.1	48.1	48.1	48.3	
GE 16000	44.8	46.8	47.1	47.2	47.6	47.6	47.8	47.8	47.8	47.9	48.0	48.0	48.1	48.1	48.1	48.3	
GE 14000	45.4	47.4	47.7	47.9	48.3	48.3	48.4	48.5	48.5	48.6	48.7	48.7	48.8	48.8	48.8	48.9	
GE 12000	46.6	48.6	48.9	49.1	49.5	49.5	49.7	49.7	49.7	49.8	49.9	49.9	50.0	50.0	50.1	50.2	
GE 10000	50.9	53.2	53.5	53.7	54.1	54.1	54.3	54.3	54.3	54.4	54.6	54.6	54.6	54.7	54.7	54.8	
GE 9000	51.8	54.0	54.3	54.5	54.9	55.0	55.1	55.2	55.2	55.3	55.4	55.5	55.5	55.5	55.6	55.7	
GE 8000	53.3	55.6	56.0	56.2	56.6	56.6	56.8	56.8	56.8	57.0	57.1	57.2	57.2	57.2	57.3	57.4	
GE 7000	55.1	57.6	57.9	58.1	58.5	58.6	58.7	58.8	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.3	
GE 6000	55.9	58.6	59.0	59.2	59.6	59.6	59.8	59.9	59.9	60.0	60.2	60.2	60.3	60.3	60.3	60.4	
GE 5000	56.8	59.8	60.2	60.4	60.8	60.9	61.1	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.7	61.8	
GE 4500	57.8	60.8	61.2	61.5	61.9	62.0	62.2	62.3	62.3	62.5	62.6	62.6	62.7	62.7	62.7	62.9	
GE 4000	58.8	61.9	62.4	62.8	63.2	63.3	63.5	63.6	63.6	63.8	63.9	64.0	64.0	64.0	64.1	64.2	
GF 3500	59.8	63.0	63.5	63.9	64.4	64.5	64.7	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.3	65.4	
GE 3000	67.4	65.8	66.3	66.7	67.3	67.3	67.6	67.7	67.7	67.8	68.0	68.0	68.1	68.1	68.1	68.3	
GE 2500	65.3	69.1	69.8	70.3	70.9	71.0	71.3	71.3	71.4	71.6	71.7	71.7	71.8	71.8	71.8	72.0	
GE 2000	68.4	72.8	73.5	74.1	74.8	75.0	75.4	75.5	75.5	75.8	75.9	75.9	76.0	76.0	76.1	76.2	
GE 1800	69.3	74.0	74.6	75.4	76.2	76.4	76.9	77.0	77.1	77.3	77.4	77.4	77.5	77.5	77.6	77.7	
GF 1500	71.7	77.2	78.2	78.9	79.8	80.1	80.6	80.9	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.6	
GE 1200	73.9	80.3	81.5	82.3	83.4	83.7	84.2	84.6	84.7	85.0	85.1	85.1	85.2	85.3	85.3	85.4	
GE 1000	74.8	81.7	83.0	84.0	85.2	85.6	86.3	86.9	87.1	87.3	87.4	87.5	87.6	87.6	87.7	87.8	
GE 900	75.2	82.6	84.0	85.1	86.5	86.9	87.7	88.3	88.4	88.8	89.7	89.7	89.8	89.8	89.8	89.9	
GE 800	75.6	83.3	84.8	86.0	87.5	87.9	88.8	89.4	89.7	90.2	90.6	90.6	90.6	90.7	90.7	90.8	
GF 700	75.8	83.8	85.5	86.7	88.2	88.7	89.7	90.5	91.2	91.4	91.4	91.5	91.6	91.7	91.7	91.9	
GE 600	76.0	84.6	86.5	87.9	89.5	90.1	91.2	92.0	92.2	92.8	93.2	93.2	93.3	93.4	93.5	93.6	
GE 500	76.1	85.0	86.9	88.5	90.2	90.9	92.2	93.1	93.1	94.0	94.5	94.5	94.7	94.8	94.8	95.0	
GE 400	76.1	85.2	87.1	88.9	90.7	91.5	93.1	94.2	94.3	95.3	95.9	95.9	96.2	96.3	96.4	96.6	
GE 300	76.1	85.2	87.2	89.1	91.0	92.1	93.7	94.9	95.1	96.1	96.8	96.8	97.1	97.2	97.4	97.6	
GE 200	76.1	85.2	87.2	89.1	91.1	92.1	93.8	95.2	95.4	96.8	97.6	97.6	98.2	98.3	98.5	98.6	
GF 100	76.1	85.2	87.2	89.1	91.1	92.1	93.8	95.2	95.5	96.8	97.8	97.8	98.6	98.8	99.1	99.6	

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: Hector FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.2	45.1	45.5	45.8	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.3	46.3	46.6
GE 20000	44.5	46.3	46.8	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.6	47.6	47.8
GE 18000	44.7	46.6	47.0	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.8	47.8	48.1
GE 16000	44.7	46.6	47.0	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.8	47.8	48.1
GE 14000	45.2	47.0	47.4	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.3	48.3	48.5
GE 12000	46.7	48.7	49.1	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.0	50.0	50.2
GE 10000	49.4	51.8	52.3	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.3
GE 9000	50.2	53.0	53.4	53.6	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3	54.3	54.5
GE 8000	51.8	54.7	55.2	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.2
GE 7000	53.7	56.6	57.0	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.8	57.8	58.1
GE 6000	55.3	58.4	58.9	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.8	59.8	60.0
GE 5000	56.1	61.3	61.9	62.3	62.6	62.6	62.7	62.6	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.3
GE 4500	59.5	62.9	63.5	63.9	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.9
GE 4000	60.6	64.4	65.1	65.5	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.6
GE 3500	61.6	65.5	66.1	66.6	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.6
GE 3000	64.2	68.9	69.6	70.1	70.5	70.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.3	71.3	71.5
GE 2500	67.4	72.5	73.3	74.1	74.6	74.6	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.5	75.7
GE 2000	69.1	74.6	75.6	77.0	78.0	78.0	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.9	78.9	79.1
GE 1800	69.7	75.4	76.5	78.0	79.0	79.1	79.2	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.2
GE 1600	71.2	77.0	78.3	79.4	81.1	81.2	81.3	81.7	81.7	81.7	81.7	81.7	81.7	82.0	82.0	82.3
GE 1400	72.2	78.4	80.0	81.6	83.0	83.2	83.4	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.4
GE 1000	72.6	79.1	80.9	82.9	84.3	84.5	85.1	85.7	85.7	85.7	85.7	85.7	85.7	86.0	86.0	86.2
GE 900	72.7	79.8	81.5	83.5	84.9	85.2	85.7	86.6	86.6	86.6	86.6	86.6	86.6	87.1	87.1	87.3
GE 800	73.0	80.4	82.2	84.5	86.0	86.2	86.4	87.6	87.6	87.6	87.6	87.6	87.6	88.3	88.3	88.5
GE 700	73.5	81.8	83.7	86.0	87.7	88.0	88.5	89.4	89.4	89.4	89.4	89.4	89.4	90.0	90.0	90.2
GE 600	74.1	82.8	84.8	87.2	88.9	89.1	89.7	90.5	90.5	90.5	90.5	90.5	90.5	91.2	91.2	91.4
GE 500	74.2	83.0	85.3	87.8	89.6	90.0	90.6	91.5	91.6	91.6	91.6	91.6	91.6	92.3	92.3	92.5
GE 400	74.3	83.2	85.5	88.1	89.9	90.5	91.4	92.3	92.4	92.4	92.4	92.4	92.4	93.1	93.1	93.3
GE 300	74.3	83.2	85.5	88.3	90.1	90.8	91.7	92.7	92.7	92.7	92.7	92.7	92.7	93.4	93.4	93.6
GE 200	74.3	83.2	85.5	88.3	90.1	90.8	91.7	93.0	93.1	93.1	93.1	93.1	93.1	93.8	93.8	94.0
GE 100	74.3	83.2	85.5	88.3	90.1	90.8	91.7	93.0	93.2	93.2	93.2	93.2	93.2	93.9	93.9	94.1
GE 0	74.3	83.2	85.5	88.3	90.1	90.8	91.7	93.0	93.2	93.2	93.2	93.2	93.2	93.9	93.9	94.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/CIAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(EST): 0100-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	41.3	43.2	43.4	43.8	44.1	44.1	44.3	44.4	44.4	44.6	44.6	44.6	44.7	44.7	45.1	45.5
GE 20000	42.4	44.5	44.7	45.1	45.4	45.4	45.7	45.8	45.8	46.0	46.0	46.0	46.1	46.1	46.5	46.9
GE 18000	43.1	45.3	45.5	45.8	46.1	46.1	46.5	46.6	46.6	46.6	46.6	46.6	46.8	46.8	47.2	47.6
GE 16000	43.1	45.3	45.5	45.8	46.1	46.1	46.5	46.6	46.6	46.6	46.8	46.8	46.9	46.9	47.2	47.6
GE 14000	43.7	45.8	46.0	46.3	46.7	46.7	47.0	47.1	47.1	47.3	47.3	47.3	47.4	47.4	47.7	48.2
GE 12000	44.2	46.3	46.6	46.9	47.2	47.2	47.5	47.6	47.6	47.6	47.8	47.8	48.0	48.0	49.3	48.7
GE 10000	46.2	49.0	49.2	49.7	50.0	50.0	50.3	50.4	50.4	50.6	50.6	50.6	50.9	50.9	51.1	51.5
GE 9000	47.7	50.6	51.0	51.5	51.9	51.9	52.3	52.4	52.4	52.6	52.6	52.6	52.7	52.7	53.0	53.4
GE 8000	49.0	52.0	52.5	53.1	53.5	53.5	53.9	54.0	54.0	54.2	54.2	54.2	54.3	54.3	54.6	55.1
GE 7000	50.9	54.2	54.6	55.3	55.9	55.8	56.1	56.2	56.2	56.5	56.5	56.5	56.6	56.6	56.9	57.3
GE 6000	51.6	54.9	55.4	56.0	56.6	56.6	56.9	57.0	57.0	57.2	57.2	57.2	57.3	57.3	57.6	58.1
GE 5000	54.9	58.5	58.9	59.7	60.2	60.2	60.6	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.4	61.8
GE 4500	55.8	59.4	59.8	60.5	61.2	61.2	61.6	61.7	61.7	61.9	61.9	61.9	62.0	62.0	62.4	62.8
GE 4000	57.1	61.6	62.0	62.9	63.5	63.5	64.0	64.1	64.1	64.3	64.3	64.3	64.4	64.4	64.7	65.2
GE 3500	58.5	63.1	63.5	64.4	65.1	65.1	65.5	65.6	65.6	65.8	65.8	65.8	65.9	65.9	66.2	66.7
GE 3000	60.0	65.1	65.5	66.3	67.1	67.1	67.5	67.6	67.6	67.8	67.8	67.8	68.0	68.0	68.3	68.7
GE 2500	63.7	68.9	69.6	70.9	71.7	71.7	72.3	72.4	72.4	72.6	72.6	72.6	72.7	72.7	73.0	73.4
GE 2000	64.7	70.4	71.2	72.7	74.1	74.1	74.7	74.8	74.8	75.1	75.1	75.1	75.2	75.2	75.5	75.9
GE 1800	66.9	72.7	73.5	75.2	76.6	76.6	77.2	77.3	77.3	77.5	77.5	77.5	77.6	77.6	78.0	78.4
GE 1600	68.3	74.8	75.7	77.4	78.8	78.8	79.5	79.6	79.6	79.8	79.8	79.8	79.9	79.9	80.2	80.6
GE 1400	69.2	76.1	77.1	79.0	80.5	80.5	81.7	81.9	81.9	82.2	82.2	82.2	82.3	82.3	82.6	83.0
GE 1200	70.4	77.8	78.8	80.6	82.3	82.5	83.5	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.5	84.9
GE 1000	70.8	78.6	79.6	81.5	83.0	83.2	84.4	84.8	84.8	85.2	85.2	85.2	85.3	85.3	85.6	86.0
GE 900	70.8	79.0	80.1	82.0	83.7	84.0	85.2	85.6	85.7	86.1	86.1	86.1	86.3	86.3	86.5	86.9
GE 800	71.2	80.2	81.3	83.2	84.9	85.3	86.6	87.0	87.1	87.4	87.4	87.4	87.5	87.5	87.8	88.3
GE 700	71.9	82.0	83.4	85.7	87.5	88.1	89.4	89.9	90.0	90.3	90.3	90.4	90.5	90.6	91.5	91.9
GE 600	72.0	82.5	83.9	86.7	88.6	89.4	91.0	91.5	91.6	92.5	92.6	92.6	92.7	92.8	93.7	94.1
GE 500	72.2	82.6	84.0	86.8	88.9	89.7	91.5	92.2	92.3	93.3	93.4	93.4	93.8	93.9	94.7	95.2
GE 400	72.2	82.6	84.0	87.0	89.5	90.3	92.3	92.9	93.0	94.4	94.8	94.8	95.4	95.5	96.3	96.8
GE 300	72.2	82.6	84.0	87.0	89.5	90.3	92.3	92.9	93.0	94.4	94.8	94.8	95.4	95.5	96.3	96.8
GE 200	72.2	82.6	84.0	87.0	89.5	90.3	92.3	92.9	93.0	94.4	94.8	94.8	95.4	95.5	96.3	96.8
GE 100	72.2	82.6	84.0	87.0	89.5	90.3	92.3	92.9	93.0	94.4	94.8	94.8	95.4	95.5	96.3	96.8
GE 01	72.2	82.6	84.0	87.0	89.5	90.3	92.3	92.9	93.0	94.4	94.8	94.8	95.4	95.5	96.3	96.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(UT): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	38.9	41.9	42.3	42.5	42.9	42.9	43.1	43.3	43.3	43.5	43.7	43.7	43.8	43.9	44.1	44.2
GE 20000	40.2	43.4	43.8	44.3	44.7	44.7	44.9	45.2	45.2	45.4	45.5	45.5	45.6	45.7	45.9	46.0
GE 18000	40.8	44.0	44.3	44.8	45.3	45.3	45.5	45.7	45.7	45.9	46.0	46.0	46.1	46.2	46.5	46.6
GE 16000	40.8	44.0	44.3	44.8	45.3	45.3	45.5	45.7	45.7	45.9	46.0	46.0	46.1	46.2	46.5	46.6
GE 14000	41.4	44.6	44.9	45.5	45.9	45.9	46.1	46.3	46.3	46.6	46.7	46.7	46.8	46.9	47.1	47.2
GE 12000	42.4	45.6	45.9	46.5	46.9	46.9	47.1	47.3	47.3	47.5	47.6	47.6	47.7	47.8	48.1	48.2
GE 10000	44.8	48.6	49.1	49.7	50.1	50.1	50.3	50.5	50.5	50.8	50.9	50.9	51.0	51.1	51.3	51.4
GE 9000	46.1	50.0	50.5	51.1	51.5	51.5	51.7	51.9	51.9	52.2	52.3	52.3	52.4	52.5	52.7	52.8
GE 8000	48.1	52.0	52.6	53.1	53.5	53.5	53.8	54.0	54.0	54.2	54.3	54.3	54.4	54.5	54.7	54.8
GE 7000	50.3	54.7	55.4	55.9	56.7	56.7	56.9	57.1	57.1	57.3	57.4	57.4	57.5	57.6	57.8	58.0
GE 6000	51.4	56.2	56.9	57.4	58.2	58.2	58.4	58.6	58.6	58.8	58.9	58.9	59.0	59.1	59.4	59.5
GE 5000	54.4	58.9	59.6	60.1	60.9	60.9	61.1	61.3	61.3	61.5	61.6	61.6	61.7	61.8	62.0	62.2
GE 4500	55.2	60.0	60.8	61.5	62.3	62.3	62.5	62.7	62.7	62.9	63.0	63.0	63.1	63.2	63.4	63.5
GE 4000	56.3	61.5	62.5	63.4	64.3	64.3	64.5	64.7	64.9	65.2	65.3	65.3	65.4	65.5	65.7	65.8
GE 3500	57.4	62.7	63.7	64.6	65.5	65.5	65.9	66.1	66.1	66.3	66.5	66.5	66.6	66.7	66.9	67.0
GE 3000	58.8	64.3	65.4	66.5	67.4	67.4	67.6	68.0	68.2	68.2	68.4	68.5	68.5	68.6	68.9	69.0
GE 2500	61.0	67.2	68.3	69.7	70.6	71.0	71.3	71.5	71.5	71.7	71.8	71.8	71.9	72.0	72.3	72.4
GE 2000	62.8	69.7	71.0	72.5	73.5	73.9	74.2	74.5	74.5	74.6	74.9	74.9	75.1	75.2	75.4	75.5
GE 1800	64.7	71.2	72.5	74.1	75.2	75.6	75.9	76.2	76.2	76.6	76.7	76.7	76.8	76.9	77.1	77.2
GE 1500	65.1	72.5	73.9	75.8	77.1	77.5	78.0	78.5	78.5	78.9	79.0	79.0	79.1	79.2	79.5	79.6
GE 1200	66.2	74.5	76.0	78.1	79.5	80.2	80.6	81.3	81.3	81.8	81.9	81.9	82.0	82.2	82.4	82.5
GE 1000	66.9	75.7	77.3	79.5	81.1	82.0	82.6	83.5	83.5	84.2	84.3	84.3	84.4	84.5	84.7	84.8
GE 900	68.1	77.4	79.0	81.4	83.1	84.1	84.7	85.8	85.8	86.0	86.7	86.7	86.9	87.0	87.2	87.3
GE 800	68.5	78.5	80.2	82.6	84.5	85.5	86.2	87.4	87.4	88.4	88.5	88.5	88.8	88.9	89.1	89.2
GE 700	68.6	79.0	80.4	83.4	85.5	86.6	87.3	88.6	88.6	89.7	89.8	89.8	90.3	90.4	90.6	90.8
GE 600	69.1	79.9	81.5	84.6	86.9	88.1	88.9	90.3	90.3	91.6	91.7	91.7	92.3	92.4	92.7	92.8
GE 500	69.2	80.1	82.3	85.1	87.6	88.7	89.6	91.0	91.0	92.5	92.7	92.7	93.2	93.3	93.7	93.8
GE 400	69.4	80.5	82.9	85.9	88.5	89.6	90.8	92.2	92.2	93.4	94.0	94.1	94.7	94.8	95.2	95.4
GE 300	69.4	80.5	82.9	85.9	88.5	89.6	90.8	92.2	92.2	93.4	94.0	94.1	94.7	94.8	95.2	95.4
GE 200	69.4	80.5	82.9	85.9	88.5	89.6	90.8	92.2	92.2	93.4	94.0	94.1	94.7	94.8	95.2	95.4
GE 100	69.4	80.5	82.9	85.9	88.5	89.6	90.8	92.2	92.2	93.4	94.0	94.1	94.7	94.8	95.2	95.4
GE 0	69.4	80.5	82.9	85.9	88.5	89.6	90.8	92.2	92.2	93.4	94.0	94.1	94.7	94.8	95.2	95.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 0930-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2
NO CEIL	39.2	40.0	40.4	40.5	40.9	41.1	41.4	41.4	41.5	41.5	41.5	41.5	41.7	41.7	41.7	41.7
GE 20000	39.7	45.3	46.0	46.7	46.8	47.2	47.6	48.2	48.3	48.4	48.5	48.5	48.7	48.7	48.7	48.7
GE 18000	39.7	45.3	46.0	46.7	46.8	47.2	47.6	48.2	48.3	48.4	48.5	48.5	48.7	48.7	48.7	48.7
GE 16000	39.7	45.3	46.0	46.7	46.8	47.2	47.6	48.2	48.3	48.4	48.5	48.5	48.7	48.7	48.7	48.7
GE 14000	40.6	46.2	47.0	47.6	47.7	48.2	48.6	49.1	49.2	49.4	49.5	49.5	49.7	49.7	49.7	49.7
GE 12000	41.2	46.8	47.5	48.3	48.4	48.8	49.2	49.8	49.9	50.0	50.1	50.1	50.3	50.3	50.3	50.3
GE 10000	43.7	49.9	50.8	51.6	51.8	52.3	52.9	53.4	53.5	53.7	53.8	53.8	54.0	54.0	54.0	54.0
GE 9000	46.8	51.2	52.2	53.1	53.3	53.8	54.5	55.1	55.2	55.3	55.4	55.4	55.6	55.6	55.6	55.6
GE 8000	46.8	53.3	54.3	55.3	55.6	56.0	56.8	57.3	57.4	57.5	57.6	57.6	57.8	57.8	57.8	57.8
GE 7000	48.7	55.6	56.6	57.6	58.0	58.5	59.4	59.9	60.0	60.1	60.2	60.2	60.4	60.4	60.4	60.4
GE 6000	49.6	56.7	57.6	58.7	59.0	59.6	60.6	61.2	61.3	61.4	61.5	61.5	61.7	61.7	61.7	61.7
GE 5000	51.6	59.0	60.0	61.2	61.6	62.0	63.2	63.6	63.9	64.0	64.1	64.1	64.3	64.3	64.3	64.3
GE 4500	52.4	60.0	61.0	62.2	62.6	63.0	64.2	64.6	64.9	65.2	65.3	65.3	65.5	65.5	65.5	65.5
GE 4000	53.7	61.3	62.3	63.4	63.8	64.3	65.5	66.2	66.3	66.7	66.8	66.8	67.0	67.0	67.0	67.0
GE 3500	54.1	62.0	63.0	64.2	64.6	65.2	66.3	67.1	67.2	67.5	67.6	67.6	67.8	67.8	67.8	67.8
GE 3000	55.4	63.9	64.8	66.1	66.6	67.1	68.3	69.0	69.1	69.5	69.6	69.6	69.8	69.8	69.8	69.8
GE 2500	57.6	66.7	68.0	69.5	70.0	70.8	72.4	73.1	73.2	73.7	73.8	73.8	74.0	74.0	74.0	74.0
GE 2000	59.2	68.9	70.2	71.7	72.4	73.2	74.8	75.6	75.8	76.3	76.5	76.5	76.7	76.7	76.7	76.7
GE 1800	59.9	69.7	71.0	72.6	73.2	74.1	75.7	76.7	76.9	77.4	77.5	77.5	77.7	77.7	77.7	77.7
GE 1500	61.4	72.0	73.5	75.2	75.9	76.9	78.6	79.9	80.1	81.0	81.1	81.1	81.3	81.3	81.3	81.3
GE 1200	63.1	74.2	75.9	77.6	78.4	79.4	81.2	82.7	82.9	83.8	84.2	84.2	84.4	84.4	84.4	84.4
GE 1000	63.8	75.5	77.3	79.1	80.0	81.2	83.1	84.7	84.9	85.9	86.5	86.5	86.7	86.7	86.7	86.7
GE 900	63.9	76.1	78.1	80.0	81.1	82.3	84.2	86.1	86.3	87.3	87.8	87.8	88.1	88.1	88.1	88.1
GE 800	64.1	76.6	78.6	80.5	81.6	82.8	84.8	86.7	87.0	88.0	88.6	88.6	88.9	88.9	88.9	88.9
GE 700	64.4	77.5	79.7	81.6	82.8	84.0	86.2	88.1	88.4	89.4	90.1	90.1	91.4	91.4	91.4	91.4
GE 600	64.5	77.6	80.1	82.0	83.2	84.5	86.7	88.6	89.9	91.0	91.7	91.7	92.3	92.3	92.3	92.3
GE 500	64.6	77.7	80.4	82.3	83.6	85.1	87.6	89.4	90.6	91.9	92.8	92.8	93.3	93.3	93.3	93.3
GE 400	64.7	77.8	80.5	82.6	84.2	85.5	88.4	90.1	91.4	92.8	93.7	93.7	94.2	94.2	94.2	94.2
GE 300	64.8	78.0	80.6	82.9	84.7	86.1	89.1	91.4	92.3	94.1	95.1	95.1	95.6	95.6	95.6	95.6
GE 200	64.8	78.0	80.6	83.0	84.9	86.3	89.4	92.3	92.6	94.5	95.7	95.7	96.6	96.6	96.6	96.6
GE 100	64.8	78.0	80.6	83.0	84.9	86.3	89.4	92.3	92.6	94.5	95.8	95.8	96.8	96.8	96.8	96.8
GF	64.8	78.0	80.6	83.0	84.9	86.3	89.4	92.3	92.6	94.5	95.8	95.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 1/4	GE 0
NO CEIL	40.6	43.7	44.3	44.6	44.9	45.1	45.2	45.2	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	47.4	51.0	51.6	51.9	52.3	52.4	52.8	52.8	52.9	53.0	53.3	53.3	53.3	53.3	53.3	53.3
GE 18000	49.0	51.5	52.2	52.5	52.8	52.9	53.3	53.3	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	49.0	51.5	52.2	52.5	52.8	52.9	53.3	53.3	53.4	53.5	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	48.9	52.6	53.2	53.5	53.9	54.0	54.4	54.4	54.5	54.6	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	49.4	53.0	53.7	54.0	54.3	54.4	54.8	54.8	54.9	55.1	55.4	55.4	55.4	55.4	55.4	55.4
GE 10000	51.0	54.7	55.4	55.7	56.0	56.1	56.6	56.7	56.8	56.9	57.3	57.3	57.3	57.3	57.3	57.3
GE 9000	51.5	55.7	56.3	56.9	57.2	57.3	57.7	57.8	58.0	58.1	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	53.4	57.7	58.4	58.9	59.2	59.4	59.8	59.9	60.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5
GE 7000	54.5	59.1	59.8	60.3	60.6	60.6	61.2	61.3	61.4	61.5	61.9	61.9	61.9	61.9	61.9	61.9
GE 6000	55.3	60.0	60.6	61.2	61.5	61.6	62.0	62.2	62.3	62.4	62.8	62.8	62.8	62.8	62.8	62.8
GE 5000	56.2	61.0	61.6	62.2	62.5	62.6	63.0	63.1	63.2	63.3	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	56.6	61.4	62.2	62.7	63.0	63.1	63.7	63.9	64.3	64.1	64.5	64.5	64.5	64.5	64.5	64.5
GE 4000	57.4	62.3	63.1	63.7	64.1	64.4	64.9	65.3	65.4	65.5	65.9	65.9	65.9	65.9	65.9	65.9
GE 3500	58.1	63.1	64.0	64.5	65.1	65.4	65.9	66.2	66.3	66.5	66.9	66.9	66.9	66.9	66.9	66.9
GE 3000	59.4	64.4	65.5	66.0	66.6	66.9	67.6	68.3	68.4	68.6	69.0	69.0	69.0	69.0	69.0	69.0
GE 2500	61.1	66.9	68.1	68.6	69.6	70.0	70.9	71.7	71.9	72.0	72.5	72.5	72.5	72.5	72.5	72.5
GE 2000	63.1	69.8	71.0	71.5	72.5	73.1	74.2	75.1	75.2	75.4	75.8	75.8	75.8	75.8	75.8	75.8
GE 1800	64.1	70.8	72.0	72.6	73.5	74.2	75.3	76.1	76.3	76.7	77.1	77.1	77.1	77.1	77.1	77.1
GE 1500	66.2	73.4	75.1	75.6	76.7	77.3	78.5	79.4	79.6	80.0	80.4	80.4	80.4	80.4	80.4	80.4
GE 1200	67.7	76.0	77.6	78.3	79.7	80.3	81.5	82.5	82.7	83.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 1000	69.4	77.3	79.0	79.8	81.5	82.3	83.7	84.4	85.2	85.9	87.1	87.1	87.2	87.2	87.2	87.2
GE 900	69.1	78.7	80.5	81.3	83.1	83.9	85.3	86.6	86.8	87.5	88.7	88.7	88.8	88.8	88.8	88.8
GE 800	69.1	79.4	81.5	82.4	84.2	85.1	86.5	87.8	88.1	89.2	90.8	90.8	90.9	91.0	91.0	91.0
GE 700	69.5	80.4	82.7	83.5	85.4	86.2	87.8	89.2	89.5	90.8	92.3	92.3	92.6	92.7	92.8	92.8
GE 600	69.8	81.1	83.3	84.3	86.1	87.0	88.6	90.1	90.4	91.8	93.5	93.7	94.0	94.1	94.2	94.2
GE 500	69.9	81.4	83.7	84.6	86.8	87.6	89.2	90.9	91.2	92.8	94.3	94.5	95.1	95.1	95.5	95.5
GE 400	69.9	81.5	83.9	85.1	87.0	87.8	89.5	91.1	91.4	93.0	94.9	95.2	95.7	95.9	96.1	96.5
GE 300	69.9	81.5	83.9	85.2	87.6	88.5	90.2	91.9	92.3	94.3	96.7	96.9	97.5	97.7	98.1	98.6
GE 200	69.9	81.5	83.9	85.2	87.6	88.5	90.3	92.2	92.5	94.5	97.0	97.2	98.1	98.3	98.7	99.2
GE 100	69.9	81.5	83.9	85.2	87.6	88.5	90.3	92.2	92.5	94.5	97.1	97.3	98.5	98.8	99.5	100.0
GE 0	69.9	81.5	83.9	85.2	87.6	88.5	90.3	92.2	92.5	94.5	97.1	97.3	98.5	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 330

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURLY(SLT): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.4	46.9	47.6	47.8	48.3	48.3	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.6	48.6
GE 20000	47.7	51.9	52.7	52.9	53.5	53.7	53.8	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.3	54.3
GE 18000	48.0	52.2	52.9	53.1	53.8	53.9	54.0	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.5	54.5
GE 16000	48.1	52.3	53.0	53.2	53.9	54.0	54.1	54.2	54.3	54.5	54.5	54.5	54.5	54.5	54.6	54.6
GE 14000	48.6	52.9	53.7	53.9	54.5	54.6	54.7	54.9	55.1	55.3	55.3	55.3	55.3	55.3	55.4	55.4
GE 12000	49.2	53.5	54.3	54.5	55.3	55.5	55.7	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.3	56.3
GE 10000	52.6	57.2	58.0	58.2	59.1	59.4	59.6	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2
GE 9000	63.8	58.7	59.5	59.7	60.6	61.0	61.2	61.4	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 8000	55.2	60.2	61.1	61.3	62.3	62.6	62.8	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.4	63.4
GE 7000	56.8	61.9	62.8	63.1	64.1	64.4	64.6	64.8	64.9	65.3	65.3	65.3	65.3	65.3	65.4	65.4
GE 6000	57.4	62.7	63.5	63.9	64.8	65.3	65.5	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.3	66.3
GE 5000	58.3	63.9	64.7	65.1	66.1	66.6	66.8	67.0	67.1	67.4	67.5	67.5	67.5	67.5	67.6	67.6
GE 4500	58.8	64.6	65.5	65.9	67.0	67.4	67.6	67.8	68.0	68.3	68.3	68.4	68.4	68.4	68.5	68.5
GE 4000	59.4	65.5	66.3	66.8	67.8	68.3	68.7	68.9	69.0	69.4	69.5	69.5	69.5	69.5	69.6	69.6
GE 3500	60.4	66.7	67.5	68.0	69.0	69.6	70.0	70.2	70.3	70.6	70.8	70.8	70.8	70.8	70.9	70.9
GE 3000	62.2	68.7	69.7	70.2	71.5	72.0	72.6	73.0	73.1	73.5	73.7	73.7	73.7	73.7	73.8	73.8
GE 2500	64.9	70.6	71.8	72.6	74.0	74.6	75.5	76.0	76.1	76.6	76.7	76.7	76.7	76.7	76.8	76.8
GE 2000	66.5	73.8	74.9	75.7	77.3	78.1	78.9	79.9	80.0	80.5	80.6	80.6	80.6	80.6	80.8	80.8
GE 1800	67.0	74.8	76.2	77.1	78.7	79.5	80.7	81.3	81.5	82.0	82.2	82.2	82.2	82.2	82.3	82.3
GE 1500	68.3	76.3	77.6	78.8	80.4	81.3	82.3	83.4	83.7	84.6	84.8	84.8	84.8	84.8	84.9	84.9
GE 1200	69.1	77.8	79.5	80.6	82.5	83.3	84.3	85.7	85.9	87.2	87.4	87.4	87.4	87.4	87.6	87.6
GE 1000	69.5	78.7	80.5	82.0	84.1	85.1	86.1	87.7	88.1	89.4	89.7	89.7	89.8	89.8	90.0	90.0
GE 900	69.5	79.2	81.1	82.6	84.8	85.6	87.0	88.6	88.9	90.7	90.9	90.8	91.7	91.7	91.2	91.2
GE 800	69.6	79.7	81.6	83.1	85.4	86.5	87.6	89.4	89.7	91.1	91.6	91.6	91.8	91.9	92.2	92.2
GE 700	69.7	80.3	82.4	84.1	86.3	87.5	88.7	90.4	90.8	92.3	92.8	92.8	93.1	93.2	93.4	93.4
GE 600	69.7	80.8	83.0	84.7	87.1	88.3	89.7	91.4	91.7	93.2	93.9	93.9	94.4	94.5	94.7	94.7
GE 500	69.6	81.3	84.0	85.7	88.2	89.6	91.0	92.7	93.0	94.6	95.4	95.4	96.0	96.1	96.3	96.3
GE 400	69.8	81.5	84.3	86.2	88.7	90.2	91.7	93.5	93.9	95.6	96.3	96.5	97.2	97.3	97.5	97.7
GE 300	69.8	81.6	84.4	86.3	88.9	90.4	92.0	94.1	94.4	96.6	97.3	97.4	98.4	98.5	98.7	98.9
GE 200	69.8	81.6	84.4	86.3	88.9	90.4	92.2	94.2	94.5	96.8	97.5	97.6	98.6	98.7	99.2	99.7
GE 100	69.8	81.6	84.4	86.3	88.9	90.4	92.2	94.2	94.5	96.8	97.7	97.8	98.9	99.3	99.6	100.0
GE 0	69.8	81.6	84.4	86.3	88.9	90.4	92.2	94.2	94.5	96.8	97.7	97.8	98.9	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: FECTOR FLG FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15	GE 16	GE 17
NO CEIL	46.9	49.1	49.6	50.3	50.5	50.6	50.6	50.8	50.9	50.9	50.9	50.9	50.9	51.1	51.1	51.2	51.4
GE 20000	44.9	51.4	52.0	52.7	52.9	53.0	53.0	53.1	53.2	53.4	53.4	53.4	53.4	53.7	53.7	53.8	54.0
GE 18000	47.5	51.9	52.6	53.2	53.4	53.5	53.5	53.7	53.8	54.0	54.0	54.0	54.0	54.2	54.2	54.3	54.5
GE 16000	49.6	52.0	52.7	53.3	53.5	53.7	53.7	53.8	53.9	54.1	54.1	54.1	54.1	54.3	54.3	54.4	54.6
GE 14000	50.2	52.7	53.3	54.0	54.2	54.3	54.3	54.4	54.5	54.7	54.7	54.7	54.7	54.9	54.9	55.1	55.3
GE 12000	50.6	53.1	53.8	54.4	54.6	54.7	54.7	54.8	54.9	55.2	55.2	55.2	55.2	55.4	55.4	55.5	55.7
GE 10000	53.9	56.5	57.1	57.7	58.0	58.1	58.1	58.2	58.3	58.5	58.5	58.5	58.5	58.7	58.7	58.8	59.0
GE 9000	55.1	58.1	58.8	59.5	59.7	59.8	59.8	59.9	60.0	60.2	60.2	60.2	60.2	60.4	60.4	60.5	60.6
GE 8000	57.3	60.4	61.2	61.8	62.0	62.2	62.2	62.3	62.4	62.6	62.6	62.6	62.6	62.8	62.8	62.9	63.1
GE 7000	58.4	61.7	62.5	63.2	63.4	63.5	63.5	63.7	63.8	64.0	64.0	64.0	64.0	64.2	64.2	64.3	64.5
GE 6000	58.7	62.4	63.1	63.9	64.1	64.2	64.2	64.3	64.4	64.6	64.6	64.6	64.6	64.8	64.8	64.9	65.1
GE 5000	60.3	64.4	65.2	65.9	66.1	66.2	66.2	66.3	66.5	66.7	66.7	66.7	66.7	66.9	66.9	67.0	67.2
GE 4500	61.3	65.5	66.3	67.1	67.3	67.4	67.4	67.5	67.6	67.8	67.8	67.8	67.8	68.1	68.1	68.2	68.4
GE 4000	62.6	67.0	68.0	68.7	69.0	69.2	69.2	69.4	69.5	69.7	69.7	69.7	69.7	69.9	69.9	70.0	70.2
GE 3500	63.4	67.8	68.9	69.7	70.0	70.2	70.2	70.3	70.4	70.6	70.6	70.6	70.6	70.9	70.9	71.0	71.2
GE 3000	64.0	68.7	70.1	71.1	71.4	71.6	71.6	71.7	71.8	72.0	72.0	72.0	72.0	72.3	72.3	72.4	72.6
GE 2500	66.5	71.8	73.4	74.6	75.1	75.3	75.7	75.9	76.0	76.2	76.2	76.2	76.2	76.5	76.5	76.6	76.8
GE 2000	67.6	73.7	75.5	76.8	77.4	77.6	78.1	78.3	78.4	78.6	78.6	78.6	78.6	78.9	78.9	79.0	79.1
GE 1800	68.7	75.3	77.2	78.5	79.1	79.4	79.8	80.1	80.2	80.4	80.4	80.4	80.4	80.6	80.6	80.8	81.0
GE 1500	71.2	78.6	80.9	82.3	83.0	83.2	83.8	84.1	84.2	84.4	84.4	84.4	84.4	84.6	84.6	84.7	84.9
GE 1200	71.8	80.2	82.8	84.4	85.2	85.4	86.0	86.5	86.6	86.8	86.8	86.8	86.8	87.0	87.0	87.1	87.3
GE 1000	71.9	81.0	83.7	85.5	86.3	86.6	87.3	87.7	88.0	88.2	88.2	88.2	88.2	88.4	88.4	88.5	88.7
GE 900	72.7	81.7	84.4	86.3	87.2	87.4	88.2	88.6	88.8	89.0	89.2	89.2	89.2	89.7	89.7	89.8	90.0
GE 800	72.5	82.4	85.2	87.3	88.2	88.4	89.1	89.6	89.8	90.1	90.3	90.3	90.3	90.8	90.8	90.9	91.1
GE 700	72.6	82.7	85.5	87.7	88.6	88.9	89.7	90.4	90.6	91.1	91.3	91.3	91.3	91.7	91.7	91.8	92.0
GE 600	73.0	83.4	86.2	88.6	89.6	89.9	90.6	91.4	91.6	92.3	92.6	92.6	92.6	93.2	93.2	93.3	93.5
GE 500	73.0	84.0	86.9	89.5	90.5	90.9	91.6	92.4	92.6	93.2	93.7	93.7	93.7	94.3	94.3	94.4	94.6
GE 400	73.0	84.4	87.4	90.4	91.5	91.9	92.7	93.4	93.7	94.3	94.7	94.7	94.7	95.4	95.4	95.5	95.7
GE 300	73.0	84.7	88.0	91.4	92.7	93.2	94.1	94.8	95.2	95.9	96.6	96.6	96.6	97.2	97.2	97.5	97.7
GE 200	73.0	84.7	88.0	91.5	92.9	93.4	94.5	95.3	95.6	96.5	97.1	97.1	97.1	97.8	97.8	98.0	98.2
GE 100	73.0	84.7	88.0	91.5	92.9	93.4	94.6	95.4	95.7	96.6	97.2	97.3	97.3	98.2	98.3	99.1	99.6
GE 0	73.0	84.7	88.0	91.5	92.9	93.4	94.6	95.4	95.7	96.6	97.2	97.3	97.3	98.2	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAF/CLAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC HOURS(LOCAL): 2100-2300

CEILING IN FEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210
NO CEIL	43.9	46.1	46.2	46.6	46.9	46.8	46.8	47.1	47.1	47.1	47.2	47.2	47.2	47.5	47.6	47.8	48.0	48.0	48.0	48.0
GE 2000	45.1	47.3	47.4	47.7	48.0	48.0	48.0	48.2	48.3	48.3	48.4	48.4	48.4	48.7	48.9	49.0	49.0	49.1	49.1	49.1
GE 1800	45.4	47.7	47.8	48.2	48.4	48.4	48.4	48.6	48.7	48.7	48.8	48.8	48.8	49.1	49.2	49.3	49.3	49.4	49.4	49.4
GE 1600	45.4	47.7	47.8	48.2	48.4	48.4	48.4	48.6	48.7	48.7	48.8	48.8	48.8	49.1	49.2	49.3	49.3	49.4	49.4	49.4
GE 1400	46.2	48.6	48.7	49.0	49.2	49.2	49.2	49.5	49.6	49.6	49.7	49.7	49.7	50.0	50.1	50.3	50.3	50.4	50.4	50.4
GE 1200	47.6	50.0	50.1	50.4	50.6	50.6	50.6	50.9	51.0	51.0	51.1	51.1	51.1	51.4	51.5	51.7	51.8	51.8	51.8	51.8
GE 1000	51.6	54.1	54.2	54.5	54.7	54.7	54.7	54.9	55.1	55.1	55.2	55.2	55.2	55.5	55.6	55.8	55.9	55.9	55.9	55.9
GE 900	52.4	54.8	54.9	55.3	55.5	55.5	55.5	55.7	55.8	55.8	55.9	55.9	55.9	56.2	56.3	56.6	56.7	56.7	56.7	56.7
GE 800	53.5	56.2	56.3	56.7	56.9	56.9	56.9	57.1	57.2	57.2	57.3	57.3	57.3	57.6	57.7	58.0	58.1	58.1	58.1	58.1
GE 700	55.4	58.3	58.4	58.7	58.9	58.9	58.9	59.1	59.2	59.2	59.4	59.4	59.4	59.7	59.8	60.0	60.1	60.1	60.1	60.1
GE 600	56.6	59.8	59.9	60.3	60.5	60.5	60.5	60.8	60.9	60.9	61.0	61.0	61.0	61.3	61.4	61.6	61.7	61.7	61.7	61.7
GE 500	58.6	62.3	62.5	62.9	63.2	63.2	63.2	63.5	63.7	63.7	63.8	63.8	63.8	64.1	64.2	64.4	64.5	64.5	64.5	64.5
GE 400	60.0	64.0	64.2	64.7	65.1	65.1	65.1	65.4	65.5	65.5	65.6	65.6	65.6	65.9	66.0	66.2	66.3	66.3	66.3	66.3
GE 300	60.9	65.2	65.6	66.1	66.5	66.5	66.5	66.8	66.9	66.9	67.0	67.0	67.0	67.3	67.4	67.6	67.7	67.7	67.7	67.7
GE 200	62.2	66.8	67.3	67.8	68.2	68.2	68.2	68.5	68.6	68.6	68.7	68.7	68.7	69.0	69.1	69.4	69.5	69.5	69.5	69.5
GE 100	63.7	68.7	69.5	70.0	70.3	70.3	70.3	70.6	70.8	70.8	70.9	70.9	70.9	71.2	71.3	71.5	71.6	71.6	71.6	71.6
GE 2000	66.7	72.5	73.3	74.2	74.7	74.7	74.7	74.9	75.3	75.4	75.4	75.5	75.5	75.8	75.9	76.1	76.2	76.2	76.2	76.2
GE 1800	68.5	75.1	75.9	76.8	77.3	77.3	77.3	77.5	77.8	77.8	78.0	78.1	78.1	78.4	78.5	78.7	78.8	78.8	78.8	78.8
GE 1600	69.4	76.0	76.9	77.7	78.3	78.3	78.3	78.6	78.9	79.0	79.0	79.1	79.1	79.5	79.6	79.8	79.9	79.9	79.9	79.9
GE 1400	71.4	78.7	79.5	81.1	81.6	81.7	82.0	82.4	82.5	82.5	82.6	82.6	82.6	82.9	83.0	83.2	83.3	83.3	83.3	83.3
GE 1200	73.0	80.6	82.4	83.9	84.4	84.5	84.8	85.2	85.3	85.3	85.4	85.4	85.4	85.7	85.8	86.0	86.1	86.1	86.1	86.1
GE 1000	73.9	82.0	84.2	85.7	86.3	86.5	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.7	87.8	88.1	88.2	88.2	88.2	88.2
GE 900	74.0	82.5	84.7	86.2	86.9	87.0	87.4	87.7	88.1	88.1	88.3	88.3	88.3	88.6	88.7	89.0	89.1	89.1	89.1	89.1
GE 800	74.1	82.9	85.0	87.4	88.2	88.3	88.9	89.0	89.4	89.7	89.7	89.7	89.7	90.0	90.1	90.4	90.5	90.5	90.5	90.5
GE 700	74.3	83.3	86.2	88.2	88.9	89.0	89.4	89.8	90.1	90.4	90.5	90.5	90.5	90.9	91.2	91.3	91.5	91.5	91.5	91.5
GE 600	74.9	84.2	87.1	89.0	89.9	90.1	90.9	91.2	91.5	91.7	92.0	92.0	92.0	92.4	92.5	92.7	92.8	92.8	92.8	92.8
GE 500	75.1	84.5	87.4	89.4	90.2	90.4	91.3	91.7	92.2	92.4	92.7	92.7	92.7	93.1	93.4	93.5	93.7	93.7	93.7	93.7
GE 400	75.1	84.5	87.5	89.5	90.4	90.9	91.9	92.4	92.9	93.0	93.3	93.3	93.3	93.8	94.1	94.2	94.4	94.4	94.4	94.4
GE 300	75.1	84.5	87.7	90.1	91.2	91.6	92.8	93.4	94.0	94.4	94.7	94.7	94.7	95.2	95.5	95.6	95.8	95.8	95.8	95.8
GE 200	75.1	84.6	87.8	90.2	91.5	92.0	93.4	94.3	94.8	95.5	96.5	96.6	96.6	97.1	97.5	97.6	97.8	97.8	97.8	97.8
GE 100	75.1	84.6	87.8	90.2	91.5	92.0	93.4	94.3	94.8	95.0	96.6	96.6	96.6	97.5	98.2	98.3	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70730 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-WP
MONTH: DEC HOURS(15): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	CE	GE	CE	GE	CE	GE	CE	GE	CE	GE	CE	GE	CE	GE	CE	GE
	1	3/4	1	3/4	1	3/4	1	3/4	1	3/4	1	3/4	1	3/4	1	3/4
NO CEIL	41.7	44.4	44.9	45.6	45.5	45.6	45.7	45.8	45.8	45.9	46.0	46.1	46.1	46.2	46.3	46.4
CE 20000	44.5	47.6	48.1	48.5	48.8	48.9	49.1	49.3	49.4	49.5	49.6	49.6	49.7	49.8	49.9	50.1
CE 18000	44.9	48.1	48.5	49.0	49.2	49.3	49.5	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.3	50.5
CE 16000	44.9	48.1	48.6	49.0	49.3	49.4	49.6	49.7	49.8	49.9	50.0	50.0	50.1	50.2	50.3	50.5
CE 14000	45.6	48.8	49.3	49.7	50.0	50.1	50.3	50.5	50.6	50.7	50.8	50.8	50.9	51.0	51.1	51.3
CE 12000	46.4	49.6	50.1	50.6	50.9	51.0	51.2	51.4	51.4	51.6	51.6	51.6	51.8	51.8	52.0	52.1
CE 10000	49.1	52.7	53.3	53.7	54.1	54.2	54.4	54.6	54.7	54.8	54.9	54.9	55.1	55.1	55.2	55.4
CE 9000	50.7	54.0	54.6	55.1	55.5	55.6	55.8	56.0	56.1	56.2	56.3	56.3	56.5	56.5	56.7	56.9
CE 8000	51.9	55.8	56.4	57.0	57.3	57.5	57.7	57.9	58.0	58.1	58.2	58.2	58.4	58.4	58.5	58.7
CE 7000	53.6	57.8	58.4	58.9	59.4	59.5	59.8	60.0	60.0	60.2	60.2	60.3	60.4	60.5	60.6	60.8
CE 6000	54.5	58.9	59.5	60.1	60.5	60.7	61.0	61.1	61.2	61.4	61.5	61.5	61.6	61.7	61.9	62.0
CE 5000	56.8	61.2	61.8	62.4	62.9	63.0	63.4	63.6	63.6	63.8	63.9	63.9	64.1	64.1	64.2	64.4
CE 4500	57.4	62.2	62.9	63.6	64.1	64.2	64.5	64.8	64.9	65.0	65.1	65.1	65.3	65.3	65.5	65.6
CE 4000	58.5	63.6	64.4	65.1	65.6	65.8	66.2	66.5	66.5	66.7	66.8	66.8	67.0	67.0	67.1	67.3
CE 3500	59.9	64.7	65.5	66.2	66.8	67.0	67.4	67.6	67.7	67.9	68.0	68.0	68.2	68.2	68.3	68.5
CE 3000	60.9	66.6	67.5	68.3	68.9	69.2	69.6	69.9	70.0	70.2	70.3	70.3	70.5	70.5	70.6	70.8
CE 2500	63.5	69.6	70.7	71.6	72.5	72.8	73.5	73.9	74.0	74.2	74.3	74.3	74.4	74.5	74.6	74.8
CE 2000	65.2	72.0	73.2	74.3	75.3	75.7	76.3	76.8	76.9	77.2	77.3	77.3	77.4	77.5	77.6	77.8
CE 1800	66.2	73.2	74.5	75.7	76.7	77.1	77.8	78.3	78.4	78.7	78.9	78.9	79.0	79.1	79.2	79.4
CE 1600	67.9	75.5	76.9	78.3	79.3	79.7	80.5	81.1	81.2	81.6	81.8	81.8	81.9	82.0	82.1	82.3
CE 1400	69.1	77.2	78.9	80.5	81.6	82.1	83.0	83.7	83.8	84.3	84.5	84.5	84.7	84.7	84.9	85.1
CE 1200	69.7	78.4	80.2	81.9	83.2	83.6	84.4	85.2	85.8	86.3	86.6	86.6	86.8	86.8	87.0	87.2
CE 1000	70.0	79.3	81.1	82.9	84.3	84.9	85.9	86.9	87.1	87.6	87.9	87.9	88.2	88.2	88.4	88.6
CE 900	70.2	79.9	81.9	83.7	85.2	85.8	86.9	88.0	88.2	88.9	89.3	89.3	89.6	89.6	89.9	90.0
CE 800	70.5	80.7	82.9	84.7	86.3	86.9	88.1	89.2	89.4	90.2	90.6	90.6	91.0	91.0	91.3	91.4
CE 700	70.9	81.5	83.8	85.4	87.4	88.1	89.3	90.6	90.8	91.6	92.1	92.1	92.5	92.5	92.8	93.0
CE 600	71.0	81.8	84.2	86.4	88.1	89.0	90.7	91.4	91.7	92.8	93.4	93.4	93.9	94.1	94.5	94.7
CE 500	71.0	82.0	84.5	86.6	88.6	89.5	91.0	91.3	91.5	92.8	93.7	93.7	94.4	94.9	95.1	95.8
CE 400	71.0	82.1	84.6	87.1	89.2	90.1	91.7	93.1	93.3	94.8	95.6	95.6	96.3	96.4	96.9	97.3
CE 300	71.0	82.1	84.6	87.2	89.4	90.3	92.0	93.5	93.6	95.4	96.4	96.5	97.4	97.6	98.4	98.8
CE 200	71.0	82.1	84.6	87.2	89.4	90.3	92.0	93.5	93.6	95.4	96.4	96.5	97.4	97.6	98.4	98.8
CE 100	71.0	82.1	84.6	87.2	89.4	90.3	92.0	93.5	93.6	95.4	96.4	96.5	97.4	97.6	98.4	98.8
CE 0	71.0	82.1	84.6	87.2	89.4	90.3	92.0	93.5	93.6	95.4	96.4	96.5	97.4	97.6	98.4	98.8

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727537 STATION NAME: HECTON FLD FARGO ND

PERIOD OF RECORD: 77-87
MONTH: ALL HOURS(UT): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 7/16
NO CEIL	49.7	51.4	51.7	52.0	52.1	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.5	52.5
GE 20000	54.8	56.8	57.2	57.4	57.6	57.7	57.8	57.8	57.8	57.8	57.9	57.9	58.0	58.0	58.0	58.1
GE 18000	55.0	57.1	57.4	57.6	57.8	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.3
GE 16000	55.1	57.1	57.4	57.7	57.9	57.9	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3
GE 14000	55.7	57.8	58.1	58.4	58.6	58.6	58.7	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.1
GE 12000	56.4	58.9	59.2	59.5	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2
GE 10000	60.2	62.6	63.0	63.2	63.4	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9	64.0
GE 9000	61.6	64.0	64.4	64.7	64.9	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.5
GE 8000	63.2	65.8	66.2	66.5	66.7	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.3
GE 7000	65.1	67.9	68.3	68.6	68.8	68.9	69.1	69.1	69.1	69.2	69.2	69.3	69.3	69.4	69.4	69.5
GE 6000	66.2	69.1	69.6	69.9	70.1	70.2	70.4	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.7	70.8
GE 5000	68.2	71.3	71.9	72.2	72.5	72.6	72.7	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.1
GE 4500	69.4	72.7	73.5	73.7	73.9	74.0	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.6
GE 4000	70.5	74.0	74.6	75.0	75.3	75.4	75.6	75.6	75.7	75.7	75.8	75.8	75.9	75.9	76.0	76.0
GE 3500	71.7	75.4	76.0	76.4	76.7	76.8	77.0	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.5	77.5
GE 3000	73.7	77.7	78.4	78.6	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.9	80.0
GE 2500	76.8	80.2	81.0	81.5	82.0	82.1	82.4	82.5	82.5	82.5	82.6	82.7	82.7	82.7	82.9	82.9
GE 2000	77.6	82.6	83.5	84.1	84.5	84.7	85.0	85.2	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.7
GE 1800	78.5	83.5	84.5	85.1	85.6	85.8	86.1	86.3	86.3	86.3	86.5	86.5	86.6	86.6	86.7	86.8
GE 1600	79.9	85.2	86.3	87.0	87.6	87.8	88.2	88.4	88.4	88.4	88.6	88.7	88.7	88.8	88.9	88.9
GE 1400	81.0	86.9	88.1	88.9	89.5	89.6	90.2	90.5	90.6	90.6	90.8	90.9	90.9	91.0	91.0	91.1
GE 1200	81.7	88.0	89.3	90.1	90.9	91.2	91.7	92.1	92.2	92.4	92.4	92.5	92.5	92.6	92.6	92.7
GE 1000	82.2	88.8	90.1	91.0	91.8	92.2	92.7	93.1	93.2	93.5	93.5	93.6	93.6	93.7	93.7	93.8
GE 900	82.4	89.2	90.6	91.6	92.5	92.9	93.5	93.5	93.5	93.5	94.0	94.0	94.0	94.5	94.5	94.6
GE 800	82.6	89.7	91.1	92.2	93.1	93.5	94.2	94.7	94.8	95.0	95.0	95.0	95.0	95.4	95.5	95.7
GE 700	82.8	90.2	91.7	92.9	93.9	94.4	95.1	95.7	95.8	96.2	96.4	96.4	96.4	96.6	96.6	96.7
GE 600	82.9	90.5	92.1	93.4	94.4	95.0	95.5	96.4	96.5	97.0	97.2	97.3	97.4	97.5	97.6	97.6
GE 500	82.9	90.6	92.3	93.6	94.8	95.3	96.2	96.4	97.0	97.6	97.8	97.9	98.1	98.1	98.2	98.3
GE 400	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.3	97.4	98.1	98.4	98.4	98.6	98.7	98.8	98.9
GE 300	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.4	97.6	98.3	98.7	98.7	99.1	99.1	99.3	99.5
GE 200	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.4	97.6	98.3	98.7	98.7	99.1	99.1	99.3	99.5
GE 100	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.4	97.6	98.3	98.7	98.7	99.1	99.1	99.3	99.5
GE 0	82.9	90.7	92.4	93.8	95.0	95.6	96.6	97.4	97.6	98.3	98.7	98.7	99.1	99.1	99.3	99.5

TOTAL NUMBER OF OBSERVATIONS: 87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.5			13.0						9.2	45.3	5.7	921
03-05	31.6			12.5						10.8	45.1	5.9	917
06-08	28.1			14.7						10.9	46.3	6.1	918
09-11	18.9			15.8						17.4	47.9	6.8	921
12-14	16.9			17.7						17.1	48.3	6.9	922
15-17	17.3			19.0						17.5	46.1	6.6	920
18-20	22.6			16.3						13.2	45.6	6.3	913
21-23	30.2			15.5						7.9	46.3	5.8	911
TOTALS	24.8			15.8						13.0	46.4	6.3	7370

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	28.2			12.4						13.8	48.6	6.2	836
03-05	25.4			13.6						11.2	47.9	6.4	840
06-08	19.8			16.0						14.5	49.6	6.7	847
09-11	15.0			15.6						13.5	55.7	7.3	835
12-14	13.0			16.7						15.9	54.5	7.4	839
15-17	9.7			21.8						18.1	51.4	7.4	843
18-20	12.9			22.1						15.2	49.8	7.0	842
21-23	23.5			19.0						11.2	46.3	6.2	841
TOTALS	18.4			17.1						13.6	51.7	6.8	6710

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	20.6			15.5						8.5	45.3	5.8	927
03-05 I	28.4			13.6						10.3	47.7	6.1	926
06-08 I	19.0			16.1						13.1	49.8	6.7	926
09-11 I	14.8			16.6						18.0	50.5	7.2	926
12-14 I	10.9			14.0						21.8	49.3	7.4	927
15-17 I	9.3			20.5						22.0	49.2	7.4	927
18-20 I	13.0			24.2						16.6	46.2	6.8	929
21-23 I	27.0			16.5						12.1	44.4	6.0	927
TOTALS I	19.1			17.9						15.3	47.7	6.7	7417

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 78-87
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 I	28.5			16.4						10.0	45.1	4.9	898
03-05 I	34.2			17.9						12.5	35.4	5.2	897
06-08 I	23.3			22.8						16.0	37.9	5.9	898
09-11 I	19.6			22.4						18.5	39.6	6.3	894
12-14 I	14.9			16.9						21.9	44.2	7.0	898
15-17 I	14.6			10.4						24.3	44.6	7.1	896
18-20 I	12.7			22.9						23.6	40.2	6.9	900
21-23 I	29.3			21.9						14.6	34.2	5.4	900
TOTALS I	23.3			20.1						17.7	39.0	6.1	7177

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 79-87
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS / (LST) /	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 /	33.3			18.6						13.5	34.5	5.2	933
03-05 /	24.6			21.9						18.6	34.9	5.8	924
06-08 /	15.9			22.5						22.7	36.9	6.6	929
09-11 /	15.2			20.5						23.5	40.8	6.8	924
12-14 /	9.1			26.0						24.7	40.3	7.0	928
15-17 /	9.7			23.3						26.5	40.6	7.1	927
18-20 /	10.6			26.5						23.9	38.9	6.8	927
21-23 /	21.7			28.5						18.8	21.1	5.7	927
TOTALS /	17.5			23.5						21.5	37.5	6.4	7421

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS / (LST) /	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02 /	24.3			24.9						12.3	31.5	5.3	846
03-05 /	18.5			27.3						21.3	32.9	6.0	841
06-08 /	15.9			25.0						24.4	34.7	6.4	907
09-11 /	14.8			24.4						24.4	36.0	6.6	900
12-14 /	6.4			27.9						32.6	33.1	7.1	907
15-17 /	7.2			31.0						31.0	29.7	6.7	899
18-20 /	9.2			30.2						32.1	24.5	6.2	844
21-23 /	16.5			36.1						21.6	25.8	5.6	897
TOTALS /	14.6			27.2						25.1	21.0	6.2	7181

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM FOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	35.9			23.9						16.6	23.0	4.6	928
03-05	28.1			26.6						21.0	22.4	5.0	930
06-08	16.0			29.6						24.1	29.0	5.9	928
09-11	14.4			32.3						26.4	26.9	6.0	929
12-14	7.7			40.0						32.2	20.1	6.1	930
15-17	8.5			45.3						30.4	15.8	5.7	929
18-20	13.5			44.6						26.8	15.1	5.3	930
21-23	22.6			36.0						23.1	14.3	5.0	930
TOTALS	18.6			35.1						25.1	21.3	5.5	7435

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	37.7			22.4						15.9	24.0	4.5	929
03-05	31.9			22.0						17.7	28.4	5.1	924
06-08	17.3			25.7						23.3	20.7	6.0	924
09-11	18.0			30.6						23.3	28.1	5.6	930
12-14	10.0			30.3						31.7	28.0	6.6	930
15-17	10.2			33.6						28.8	27.3	6.3	929
18-20	13.5			37.7						25.6	23.3	5.5	929
21-23	27.6			33.7						14.5	19.9	4.7	929
TOTALS	20.6			29.9						23.1	26.2	5.6	7427

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	40.2			16.2						11.8	31.7	4.7	855
03-05	39.2			16.8						12.7	31.3	4.8	845
06-08	19.1			23.2						23.1	34.5	6.2	899
09-11	18.3			20.7						22.6	38.4	6.5	900
12-14	12.0			23.7						24.0	40.3	6.9	900
15-17	12.8			29.3						22.1	35.8	6.4	900
18-20	17.9			29.0						21.8	31.3	6.0	900
21-23	32.7			24.0						11.8	31.6	4.9	900
TOTALS	24.0			22.9						18.7	34.4	5.6	7169

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	33.2			14.0						9.0	43.8	5.6	937
03-05	34.4			15.4						11.2	36.9	5.4	927
06-08	20.8			21.6						16.8	40.9	6.2	936
09-11	16.7			18.9						17.7	46.7	6.8	930
12-14	13.0			18.1						23.0	45.7	7.2	930
15-17	13.7			21.7						22.7	41.9	6.9	930
18-20	18.3			22.5						19.6	39.7	6.4	930
21-23	28.8			16.0						15.6	39.0	5.6	929
TOTALS	22.4			18.0						17.0	42.1	6.3	7436

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													TOTAL OBS
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02 I	27.8			14.1						10.5	60.6	6.3	842
03-05 I	26.7			11.6						10.1	51.6	6.4	844
06-08 I	21.5			16.2						13.2	49.0	6.5	847
09-11 I	14.0			18.9						14.6	52.5	7.1	846
12-14 I	13.4			14.6						19.9	47.1	7.1	845
15-17 I	13.1			17.7						18.3	49.9	7.3	845
18-20 I	17.7			17.7						12.2	52.3	6.4	844
21-23 I	24.2			12.9						12.2	52.7	6.6	842
TOTALS I	19.8			15.7						13.8	50.7	6.5	7104

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													TOTAL OBS
HOURS I (LST) I	0	1	2	3	4	5	6	7	8	9	10	MEAN	
00-02 I	29.1			13.1						10.7	47.2	6.1	919
03-05 I	27.7			13.2						9.6	49.6	6.2	919
06-08 I	21.9			16.6						12.2	49.0	6.5	917
09-11 I	14.9			17.2						17.8	50.0	7.1	917
12-14 I	13.9			18.4						15.8	51.8	7.2	924
15-17 I	15.7			19.4						16.2	48.8	6.4	925
18-20 I	23.8			15.6						11.6	48.8	6.1	917
21-23 I	29.4			12.2						10.9	47.5	6.1	916
TOTALS I	22.1			16.3						13.1	48.6	6.5	7364

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
MONTH: ALL

		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
	HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS	
JAN	ALL	24.8			15.8						15.0	46.4	6.3	7370	
FEB		18.4			17.1						13.8	50.7	6.6	6718	
MAR		19.1			17.9						15.3	47.7	6.7	7417	
APR		23.3			20.1						17.7	39.0	6.1	7177	
MAY		17.5			23.5						21.5	37.5	6.4	7420	
JUN		14.6			29.2						25.1	31.0	6.2	7141	
JUL		18.6			35.1						25.1	21.3	5.5	7435	
AUG		20.8			29.9						23.1	26.2	5.6	7427	
SEP		24.0			22.9						18.7	34.4	5.8	7155	
OCT		22.4			18.6						17.0	42.1	6.3	7436	
NOV		19.8			15.7						13.8	50.7	6.6	7164	
DEC		22.1			16.3						13.1	43.6	6.5	7304	
TOTALS		20.5			21.6						18.1	39.6	6.3	87324	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	EEEEEEEE
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPP	AA AA	RRRRRRR	TT	EEEE
PPPPPPP	AAAAAAAA	RRRRRRR	TT	EEEE
PP	AAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 1-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

EXTREME MAXIMUM AND MINIMUM VALUES

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

MEANS AND STANDARD DEVIATIONS FOR DRY BULB, WET BULB AND DEW POINT TEMPERATURES

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 7.7530

STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 46-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 10.1				.1			.4	1.4	.1				.2
GE 10.2					.4	.5	4.4	5.7	1.4				1.1
GE 10.3							10.5	16.5	4.2				3.4
GE 10.4				.3	2.2	6.3	16.5	16.5	4.2	.2			4.5
GE 10.5				1.5	7.9	17.5	40.4	35.2	10.5	1.1			17.5
GE 10.6				3.5	17.7	37.9	69.2	58.3	19.1	3.5			25.4
GE 10.7				6.7	29.5	61.3	86.6	76.7	32.5	7.9			32.7
GE 10.8				11.6	46.0	80.6	97.1	91.2	49.6	15.7	.4		39.1
GE 10.9		.1	1.1	20.5	64.0	81.8	99.7	97.3	66.3	27.4	1.5		44.5
GE 11.0			2.7	32.3	77.6	97.8	99.8	99.1	82.1	42.8	4.4		49.8
GE 11.1		.7	5.7	44.7	87.7	99.5	100.0	100.0	92.1	56.4	9.2	.2	54.8
GE 11.2	.1	1.1	10.3	59.2	94.4	99.8			97.0	73.2	15.6	.5	54.3
GE 11.3	.5	2.7	17.2	72.6	97.6	100.0			99.4	83.5	25.3	1.9	58.4
GE 11.4	1.9	5.5	29.5	83.9	99.7				100.0	93.5	39.1	6.5	63.2
GE 11.5	7.1	15.9	49.3	91.7	99.9					97.5	55.9	15.0	69.4
GE 11.6	17.2	31.9	66.0	97.7						99.8	73.2	18.0	76.2
GE 11.7	37.5	45.7	77.6	99.2	100.0					100.0	84.1	43.3	81.4
GE 11.8	40.6	55.6	70.5	99.8							92.6	55.4	85.8
GE 11.9	51.0	67.1	92.7	100.0							95.5	66.0	87.6
GE 12.0	51.0	77.3	96.9								97.7	79.2	92.6
GE 12.1	71.5	85.8	99.2								96.8	86.4	95.2
GE 12.2	71.1	93.9	99.7								99.3	93.2	97.4
GE 12.3	91.5	97.7	99.9								100.0	97.4	98.9
GE 12.4	100.0	99.1	100.0									99.6	99.6
GE 12.5	99.6	100.0										99.6	100.0
GE 12.6	100.0											100.0	100.0
MEAN	1	14.3	21.2	32.6	43.2	60.2	76.6	82.7	81.2	89.6	97.2	100.7	81.2
SD	1	14.120	12.505	12.669	13.576	11.198	6.443	6.052	6.471	11.174	11.943	12.967	20.762
TOTAL OBS	1	1940	1190	1240	1200	1240	1170	1139	1209	1170	1209	1170	14398

USDEAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 77753

STATION NAME: NECTOR FLD FARGO ND

PERIOD OF RECORD: 46-67

	TEMPERATURE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 6.1									.1					.1
GE 7.1								.4	.4					.4
GE 7.1							1.0	4.1	3.1	.3				.3
GE 8.1						.5	6.7	19.0	15.9	2.4				3.6
GE 8.1					.1	4.5	23.3	40.2	27.1	7.6	.4			11.0
GE 9.1					.5	12.7	45.7	75.7	82.8	16.2	2.2			37.0
GE 9.1					3.1	25.6	70.6	91.9	94.6	74.9	7.3	.3		66.5
GE 9.1					8.7	46.0	77.9	98.1	94.4	55.5	15.1	.9		33.8
GE 10.1			.1	1.1	20.2	66.7	96.8	99.8	99.3	77.7	31.6	2.8		41.2
GE 10.1			.2	4.6	34.7	82.3	99.7	100.0	99.6	90.6	51.3	6.6	.1	47.8
GE 11.1	.1		.7	8.6	45.1	86.6	99.9		100.0	94.0	60.2	10.6	.6	50.5
GE 11.1	.3		3.3	17.3	62.5	94.0	100.0			97.0	74.1	20.2	1.7	55.5
GE 12.1	1.9		6.6	33.0	83.1	98.4				99.4	84.6	37.4	6.0	61.2
GE 12.1	6.2		17.8	47.2	93.1	100.0				99.9	96.4	55.4	15.2	64.2
GE 13.1	11.1		25.0	57.3	96.5					100.0	98.8	70.2	26.1	73.8
GE 13.1	19.4		36.5	68.6	98.7						99.8	83.9	36.4	78.4
GE 14.1	19.2		45.5	76.5	95.4						100.0	88.6	49.4	82.5
GE 14.1	40.6		55.9	86.7	99.6							93.6	60.4	86.4
GE 15.1	51.8		67.3	92.0	99.9							76.8	70.5	90.1
GE 16.1	62.3		77.0	95.6	100.0							96.3	81.2	92.5
GE 17.1	73.9		86.8	96.5								99.1	91.2	95.8
GE 18.1	85.6		93.5	99.4								99.7	96.8	97.5
GE 19.1	93.7		97.9	99.6								100.0	98.6	99.2
GE 20.1	98.4		99.7	99.9									99.8	99.8
GE 21.1	99.9		100.0	100.0									100.0	100.0
GE 22.1	100.0													100.0
MEAN	1	-4.4	2.8	16.0	32.0	43.5	53.5	58.8	56.8	46.1	35.3	19.5	3.6	31.2
SL	1	14.411	15.403	13.702	9.016	9.216	7.439	6.457	7.210	8.873	9.110	12.075	15.689	24.031
TOTAL OPS	1	1240	1120	1240	1200	1240	1170	1209	1170	1209	1170	1209	14746	

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 47-67

[illegible]

CLIMATE ESTIMATE ONLY
 STATION
 AIR STATION SERVICE/PMO

EXTREME VALUES OF MAXIMUM TEMPERATURE
 (PERCENTILE ESTIMATION)

STATION NUMBER: 21750 STATION NAME: HECTOR FIELD FANGUIN

PERIOD OF RECORD: 1947-1957

MONTHLY MEAN MAXIMUM TEMPERATURE (PERCENTILE ESTIMATION)													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	REMARKS
46	17	15	14	14	9	8	11	11	8	10	10	8	
48	17	15	14	14	9	8	11	11	8	10	10	8	
50	17	15	14	14	9	8	11	11	8	10	10	8	
51	17	15	14	14	9	8	11	11	8	10	10	8	
52	17	15	14	14	9	8	11	11	8	10	10	8	
53	17	15	14	14	9	8	11	11	8	10	10	8	
54	17	15	14	14	9	8	11	11	8	10	10	8	
55	17	15	14	14	9	8	11	11	8	10	10	8	
56	17	15	14	14	9	8	11	11	8	10	10	8	
57	17	15	14	14	9	8	11	11	8	10	10	8	
58	17	15	14	14	9	8	11	11	8	10	10	8	
59	17	15	14	14	9	8	11	11	8	10	10	8	
60	17	15	14	14	9	8	11	11	8	10	10	8	
61	17	15	14	14	9	8	11	11	8	10	10	8	
62	17	15	14	14	9	8	11	11	8	10	10	8	
63	17	15	14	14	9	8	11	11	8	10	10	8	
64	17	15	14	14	9	8	11	11	8	10	10	8	
65	17	15	14	14	9	8	11	11	8	10	10	8	
66	17	15	14	14	9	8	11	11	8	10	10	8	
67	17	15	14	14	9	8	11	11	8	10	10	8	
68	17	15	14	14	9	8	11	11	8	10	10	8	
69	17	15	14	14	9	8	11	11	8	10	10	8	
70	17	15	14	14	9	8	11	11	8	10	10	8	
71	17	15	14	14	9	8	11	11	8	10	10	8	
72	17	15	14	14	9	8	11	11	8	10	10	8	
73	17	15	14	14	9	8	11	11	8	10	10	8	
74	17	15	14	14	9	8	11	11	8	10	10	8	
75	17	15	14	14	9	8	11	11	8	10	10	8	
76	17	15	14	14	9	8	11	11	8	10	10	8	
77	17	15	14	14	9	8	11	11	8	10	10	8	

NOTES: 1. BASED ON 100% DEAN FOUR MONTHS
 2. AT STATION, DAY LESS THAN 24 HRS

CONTINUE ON NEXT PAGE

GLOBAL CLIMATE DATA CENTER
 WASHINGTON, D.C. 20541
 AIR WEATHER SERVICE/AFMCC

EXTREME VALUES OF MAXIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

STATION NUMBER: 7701 STATION NAME: DORTCH FLD FARGO ND

PERIOD OF RECORD: 1949-57

EXTREME VALUES OF MAXIMUM TEMPERATURE													
MONTHS													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1949	1	2	3	4	5	6	7	8	9	10	11	12	12
1950	1	2	3	4	5	6	7	8	9	10	11	12	12
1951	1	2	3	4	5	6	7	8	9	10	11	12	12
1952	1	2	3	4	5	6	7	8	9	10	11	12	12
1953	1	2	3	4	5	6	7	8	9	10	11	12	12
1954	1	2	3	4	5	6	7	8	9	10	11	12	12
1955	1	2	3	4	5	6	7	8	9	10	11	12	12
1956	1	2	3	4	5	6	7	8	9	10	11	12	12
1957	1	2	3	4	5	6	7	8	9	10	11	12	12
MEAN	1	2	3	4	5	6	7	8	9	10	11	12	12
TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	12

NOTES: * YEAR 1 ON EACH YEAR FULL MONTHS
 * YEAR 2 ON EACH YEAR FULL MONTHS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAF

EXTREME VALUES OF MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 727530 STATION NAME: FECTOR FLD FARGO ND

PERIOD OF RECORD: 1947-7

YEAR	MINIMUM DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
46	-34	-27	-24	1	36	47	52	47	47	16	7	-10	-28
47	-26	-24	-10	27	24	36	47	44	26	17	7	-17	-25
48	-32	-31	-21	10	30	37	47	47	45	21	-7	-24	-26
49	-36	-29	-16	27	31	39	47	44	25	5	-11	-27	-26
50	-32	-13	-21	21	26	43	44	44	37	17	-3	-24	-26
51	-17	-11	-6	9	25	37	47	51	37	24	4	-17	-27
52	-32	-28	-6	1	24	39	47	44	31	2	-7	-24	-26
53	-18	-24	-16	26	22	45	51	43	26	15	-11	-27	-27
54	-21	-26	-17	15	28	35	47	47	17	11	-7	-24	-26
55	-27	-19	-7	15	25	34	52	45	24	17	-1	-27	-27
56	-18	-13	-10	14	20	37	47	44	37	16	-19	-24	-27
57	-27	-14	-1	14	27	47	47	51	24	24	-7	-27	-28
58	-21	-17	-19	14	26	37	44	40	31	11	-11	-27	-27
59	-27	-11	-14	1	25	40	45	47	24	17	-9	-27	-27
60	-31	-16	-23	11	32	47	45	49	31	16	-9	-24	-24
61	-27	-11	-16	8	21	40	47	40	34	14	-7	-27	-27
62	-27	-13	-11	15	31	34	45	32	24	14	-11	-24	-28
63	-25	-17	-16	29	37	4	47	36	14	17	-7	-27	-28
64	-37	-31	-14	11	25	36	51	44	24	17	-24	-27	-33
65	-27	-16	-14	17	21	36	39	47	24	16	-11	-27	-27
66	-33	-14	-11	11	35	24	47	36	36	14	-7	-27	-27
67	-27	-15	-15	17	24	3	47	47	37	14	-7	-27	-27
68	-32	-16	-7	15	26	41	47	47	37	15	-7	-27	-27
69	-37	-16	-7	17	3	45	34	47	27	14	-7	-27	-27
70	-37	-17	-14	17	27	36	41	34	34	1	-24	-27	-27
71	-31	-17	-14	1	1	37	43	47	26	15	-7	-27	-27
72	-25	-17	-14	11	17	41	45	47	27	14	-7	-27	-27
73	-14	-1	-11	-	21	41	47	44	34	17	-1	-27	-27
74	-14	-7	-11	-	21	41	47	44	27	7	-11	-27	-24
75	-14	-1	-1	14	3	47	45	37	37	17	-27	-27	-27

NOTES: * THAWED OR LESS THAN FULL MONTHS
- AT LEAST ONE DAY LESS THAN 24 CBS

CONTINUED ON NEXT PAGE.....

CLIMAT CLIMATOLOGY FRENCH
USAF/AFAC
AIR WEATHER SERVICE/AFAC

EXTREME VALUES OF MINIMUM TEMPERATURES
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 77720 STATION NAME: DICTER FLD FARGO ND

PERIOD OF RECORD: 1949-57

EXTREME VALUES OF MINIMUM TEMPERATURES (FROM DAILY OBSERVATIONS)													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
1949	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
1950	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
1951	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
1952	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
1953	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
1954	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
1955	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
1956	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
1957	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24	-24
MEAN	-24.4	-24.4	-24.4	-24.4	-24.4	-24.4	-24.4	-24.4	-24.4	-24.4	-24.4	-24.4	-24.4
TOTAL	1949	1949	1949	1949	1949	1949	1949	1949	1949	1949	1949	1949	1949

NOTES: * CHANGE ON LESS THAN FULL MONTHS
AT LEAST ONE DAY LESS THAN 24 OBS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DLT F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 727530 STATION NAME: PECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS (LT)	STAT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-01	MEAN	6.3	12.2	24.6	38.9	51.3	54.6	64.9	62.5	52.6	41.5	26.1	10.7	37.5
	SD	15.391	16.264	12.285	9.865	9.594	7.737	6.222	7.327	9.358	8.605	13.362	14.572	23.127
	TOT OPS	930	846	930	930	930	900	930	930	900	930	900	930	10956
03-05	MEAN	5.3	11.1	23.6	36.3	48.1	56.3	62.2	59.4	50.2	39.5	23.9	10.2	35.6
	SD	15.052	16.580	12.452	9.292	9.666	7.626	6.480	7.368	9.459	8.571	13.174	14.703	22.501
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	4.6	17.4	23.5	37.5	50.9	59.3	64.9	60.9	50.6	39.3	22.9	7.5	36.2
	SD	15.809	16.677	12.697	9.614	9.529	6.820	5.681	6.997	9.115	8.449	13.005	14.706	23.564
	TOT OPS	930	846	930	930	930	900	930	930	900	930	900	930	10956
09-11	MEAN	6.6	13.3	27.2	45.8	60.0	67.3	73.2	69.7	58.7	45.6	26.6	11.1	40.2
	SD	15.572	16.221	12.340	11.909	10.751	7.263	6.083	7.274	9.634	8.609	13.334	14.378	25.470
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	11.1	19.0	31.4	51.7	65.6	71.8	76.9	75.7	65.0	51.4	31.6	15.2	47.5
	SD	15.118	15.283	12.465	13.471	11.567	8.050	6.610	8.272	11.206	10.547	14.634	14.311	26.675
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	12.3	19.7	33.1	51.7	67.2	73.3	80.4	77.3	66.7	52.7	32.0	15.6	48.4
	SD	14.421	14.747	12.494	13.837	11.576	8.307	6.600	8.599	11.770	10.464	14.850	14.306	26.464
	TOT OPS	930	846	930	930	930	900	930	930	900	930	900	930	10956
19-21	MEAN	9.3	15.6	30.2	49.7	63.8	70.4	77.2	72.8	61.2	47.3	28.1	12.6	45.1
	SD	14.820	15.016	11.636	12.884	10.489	7.769	6.599	8.320	10.762	9.401	13.830	14.436	26.447
	TOT OPS	930	846	930	900	927	900	930	930	900	930	900	930	10953
21-23	MEAN	7.5	14.2	27.2	43.2	56.2	62.8	69.3	65.6	55.3	43.6	26.1	11.5	40.2
	SD	15.251	15.664	11.606	10.642	9.845	7.542	6.317	7.596	9.694	8.988	13.636	14.556	24.141
	TOT OPS	930	846	930	900	927	900	930	930	900	930	900	930	10953
ALL	MEAN	7.9	14.4	27.5	44.6	57.9	64.9	71.4	68.0	57.5	45.1	27.3	12.1	41.7
	SD	15.494	16.124	12.729	13.197	12.527	9.877	9.193	10.090	11.795	10.384	14.076	14.647	25.471
	TOT OPS	7440	6768	7440	7200	7434	7200	7440	7440	7200	7440	7200	7440	87642

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1-24	MEAN	5.7	11.5	23.4	35.2	45.7	54.1	60.8	58.1	49.0	36.4	23.5	10.1	34.7
1-24	SD	15.035	15.832	11.780	7.963	8.688	7.050	5.737	6.935	8.512	7.747	12.570	14.285	21.518
1-24	TOT OBS	929	846	930	900	930	900	930	930	900	930	900	930	10955
3-05	MEAN	4.7	10.5	22.4	33.4	43.8	52.6	59.2	56.5	47.4	37.1	22.5	9.0	33.4
3-05	SD	15.377	16.185	11.993	7.855	9.071	7.253	6.057	7.137	8.737	7.779	12.491	14.451	21.317
3-05	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
6-08	MEAN	4.1	9.8	21.0	34.3	45.7	54.9	61.0	57.6	47.8	36.7	21.7	8.9	33.8
6-08	SD	15.459	16.299	12.240	8.152	8.662	6.405	5.375	6.705	8.492	7.758	12.430	14.462	22.114
6-08	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	929	10959
9-11	MEAN	6.0	12.4	25.0	39.4	50.7	58.8	65.1	62.2	52.7	41.3	24.7	10.4	37.5
9-11	SD	15.134	15.698	11.527	8.799	8.262	5.976	5.121	6.148	7.996	7.201	12.278	14.015	22.800
9-11	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10958
12-14	MEAN	10.0	16.5	28.2	42.5	53.0	60.6	66.9	64.1	55.4	44.7	28.2	13.5	40.4
12-14	SD	14.386	14.395	11.024	8.952	8.040	6.048	5.321	6.308	8.070	7.571	12.472	13.613	22.005
12-14	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	11.1	13.0	29.0	43.4	53.0	61.0	67.2	64.3	55.8	45.1	28.5	14.3	41.1
15-17	SD	14.111	13.871	10.635	8.752	7.838	6.112	5.223	6.321	8.044	7.773	12.556	13.659	21.750
15-17	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10950
18-20	MEAN	8.5	15.4	27.0	41.4	51.9	59.9	66.2	62.8	53.4	42.1	25.8	11.7	39.0
18-20	SD	14.358	14.416	10.773	8.613	7.929	6.272	5.376	6.464	8.210	7.833	12.440	14.099	22.227
18-20	TOT OBS	930	846	929	900	927	900	930	930	900	930	900	930	10952
21-23	MEAN	6.9	13.4	25.3	37.9	48.4	56.6	63.1	60.0	50.4	39.8	24.2	10.7	36.5
21-23	SD	14.670	15.200	11.000	8.105	8.298	6.681	5.579	6.883	8.314	7.936	12.474	14.257	21.754
21-23	TOT OBS	926	846	930	900	927	900	930	930	900	930	900	930	10951
ALL	MEAN	7.1	13.4	25.4	38.4	49.1	57.3	63.7	60.7	51.5	40.6	24.9	11.2	37.1
ALL	SD	14.992	15.498	11.685	9.142	9.060	7.146	6.189	7.219	8.853	8.264	12.664	14.219	22.115
ALL	TOT OBS	7437	6768	7439	7200	7434	7200	7440	7440	7200	7440	7200	7439	87637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	-5.3	6.3	19.2	29.7	39.2	50.4	58.1	55.1	45.6	34.3	19.2	4.5	20.2
	SD	17.704	18.413	13.491	8.314	10.808	8.633	6.416	7.834	9.190	8.477	13.650	17.074	23.072
	TOT OPS	929	946	930	900	930	900	930	930	900	930	900	930	10945
03-05	MEAN	-1.5	5.4	16.3	28.7	38.7	49.7	57.0	54.2	44.7	33.5	18.5	4.1	29.4
	SD	18.148	18.764	13.761	8.227	10.751	7.922	6.447	7.785	9.231	8.357	13.631	17.279	23.088
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10946
06-08	MEAN	-2.1	4.6	17.6	29.4	40.0	51.4	58.4	55.1	45.2	33.4	17.8	3.4	29.7
	SD	18.361	18.873	14.012	8.543	10.302	7.372	5.916	7.328	8.998	8.229	13.612	17.348	23.700
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10945
09-11	MEAN	-5.5	7.0	19.6	30.9	41.4	52.6	60.0	57.1	47.5	36.0	19.9	4.6	31.5
	SD	17.889	18.162	13.324	9.201	10.737	7.721	6.576	7.604	8.947	7.820	13.286	16.850	23.600
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10946
12-14	MEAN	3.0	10.4	21.7	31.1	41.1	52.4	59.6	56.6	47.4	36.7	21.6	7.2	32.5
	SD	16.918	16.479	12.392	9.384	11.095	8.408	7.473	8.442	9.816	8.548	12.923	16.275	22.327
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10946
15-17	MEAN	4.1	11.8	22.6	31.0	40.6	51.9	59.0	55.9	46.7	36.3	21.8	7.6	32.6
	SD	16.643	15.961	11.963	9.254	11.372	8.741	7.688	8.694	10.086	9.037	12.929	16.453	21.745
	TOT OPS	930	846	930	900	930	900	930	930	900	930	900	930	10946
18-20	MEAN	2.2	10.0	22.0	30.9	40.1	51.9	59.4	56.1	46.6	35.8	20.7	5.9	31.4
	SD	16.974	16.669	12.217	9.164	11.455	8.860	7.485	8.365	9.632	8.867	13.060	16.913	22.445
	TOT OPS	930	846	929	900	927	900	930	930	900	930	900	930	10942
21-23	MEAN	.6	8.2	20.6	30.7	40.1	51.6	59.1	55.9	46.0	34.9	19.6	5.1	31.2
	SD	17.290	17.636	12.701	8.646	11.130	8.226	6.631	8.016	9.134	8.815	13.284	17.123	22.856
	TOT OPS	926	846	930	900	927	900	930	930	900	930	900	930	10941
ALL	MEAN	.7	8.0	20.3	30.3	40.1	51.5	58.8	55.8	46.2	35.1	19.9	5.3	31.1
HOURS	SD	17.588	17.811	13.106	8.840	10.989	8.221	6.910	8.061	9.429	8.604	13.355	16.969	22.900
TOT OPS		7437	6766	7439	7200	7434	7200	7440	7440	7200	7440	7200	7439	87617

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 79-87
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	Obs
JAN	00-02	100.0	100.0	100.0	100.0	98.5	63.1	56.7	34.9	11.9	73.9	924	
	03-05	100.0	100.0	100.0	99.8	97.6	80.6	55.7	32.3	12.2	73.3	930	
	06-08	100.0	100.0	100.0	100.0	98.4	81.7	54.7	32.9	12.2	73.4	930	
	09-11	100.0	100.0	100.0	99.9	97.6	79.5	53.8	27.6	9.5	72.3	930	
	12-14	100.0	100.0	100.0	100.0	95.6	75.9	45.8	18.1	4.7	69.6	930	
	15-17	100.0	100.0	100.0	99.7	95.9	72.5	44.8	19.6	6.2	69.7	930	
	18-20	100.0	100.0	100.0	100.0	98.7	81.0	56.1	28.8	8.4	72.7	930	
	21-23	100.0	100.0	100.0	100.0	99.2	83.1	56.1	32.7	11.6	73.7	928	
	TOTALS	100.0	100.0	100.0	99.9	97.7	79.7	53.0	28.4	9.6	72.3	7437	

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLE FARGO ND

PERIOD OF RECORD: 79-87
 MONTH: FEB

MONTH	DAYS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NEW OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01-02	100.0	100.0	100.0	99.9	99.1	90.2	67.3	44.3	15.2	76.9	841
	03-05	100.0	100.0	100.0	100.0	99.5	91.0	64.9	44.6	16.5	77.2	841
	06-08	100.0	100.0	100.0	100.0	99.4	89.4	69.6	43.7	15.2	77.0	841
	09-11	100.0	100.0	100.0	100.0	99.5	87.7	65.4	38.2	11.0	75.6	841
	12-14	100.0	100.0	100.0	100.0	98.8	81.2	55.4	24.1	5.7	72.1	841
	15-17	100.0	100.0	100.0	99.9	97.0	77.9	54.8	24.8	6.3	71.6	841
	18-20	100.0	100.0	100.0	100.0	98.9	85.0	66.3	36.8	8.9	75.4	841
	21-23	100.0	100.0	100.0	100.0	99.8	90.1	67.4	42.4	13.8	76.8	841
	TOTALS	100.0	100.0	100.0	100.0	99.0	86.6	64.4	37.4	11.6	75.3	6761

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 72 30 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 72-27
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAR	00-02	100.0	100.0	100.0	99.9	98.1	97.2	80.4	54.4	15.3	77.6	930
	03-05	100.0	100.0	100.0	100.0	98.4	93.3	80.8	59.1	16.3	80.3	930
	06-08	100.0	100.0	100.0	100.0	99.0	93.5	82.4	58.0	18.5	80.4	930
	09-11	100.0	100.0	100.0	95.7	95.1	85.1	62.3	35.9	10.1	74.3	930
	12-14	100.0	100.0	98.1	95.5	90.3	72.4	46.1	21.6	5.5	68.7	930
	15-17	100.0	100.0	96.9	94.4	88.5	69.1	44.2	20.9	5.1	67.5	930
	18-20	100.0	100.0	99.1	97.7	93.1	81.5	60.0	32.7	8.4	72.8	925
	21-23	100.0	100.0	100.0	99.8	97.3	90.0	76.3	46.7	12.2	77.7	930
	TOTALS	100.0	100.0	99.3	98.3	95.0	84.7	66.6	41.2	11.4	75.2	7435

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 76-87
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	98.9	94.9	88.3	75.4	57.1	35.9	9.7	71.4	900
	03-05	100.0	100.0	100.0	97.9	93.7	83.4	68.2	42.8	13.3	75.4	900
	06-08	100.0	100.0	99.9	99.0	91.4	81.3	63.7	40.2	11.3	74.2	900
	09-11	100.0	99.2	92.8	81.1	65.2	47.3	30.1	14.9	4.2	59.3	900
	12-14	100.0	93.8	79.2	61.3	46.3	32.3	19.2	9.0	2.4	50.0	900
	15-17	99.9	89.9	74.3	55.8	38.8	28.1	16.0	8.1	2.7	47.1	900
	18-20	100.0	94.3	82.1	65.6	54.3	39.9	24.0	10.2	3.6	53.3	900
	21-23	100.0	99.7	95.1	88.2	76.2	61.3	42.8	23.1	5.7	64.8	900
	TOTALS	100.0	97.1	90.3	81.0	69.3	56.1	40.1	23.0	6.5	61.9	7200

GLOBAL CLIMATOLOGY BRANCH
USAF/CLTAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 75-87
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-07	100.0	100.0	99.2	84.9	74.2	59.7	43.4	27.8	6.5	65.8	930
	08-05	100.0	100.0	100.0	98.2	86.9	71.0	55.6	37.1	8.7	71.5	930
	06-08	100.0	100.0	99.8	95.6	83.3	63.8	45.7	27.6	7.0	68.1	930
	09-11	100.0	99.0	87.7	68.5	52.5	35.7	23.0	12.2	2.8	53.7	930
	12-14	100.0	92.4	69.4	49.2	35.5	24.1	15.1	7.1	1.7	45.1	930
	15-17	100.0	89.7	61.7	43.1	30.1	21.4	14.3	6.6	2.3	42.4	930
	18-20	100.0	94.0	71.1	51.0	35.8	26.3	16.9	8.3	2.9	46.2	927
	21-23	100.0	99.7	93.1	75.8	59.5	44.7	31.2	18.2	4.2	58.2	927
	TOTALS	100.0	96.9	85.3	71.4	57.2	43.3	30.7	18.1	4.5	56.4	7434

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: JUN

MONTH	DAYS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.0	94.0	83.8	68.7	40.9	9.7	75.5	901
	03-05	100.0	100.0	100.0	99.9	98.0	91.9	81.0	57.8	15.0	90.3	901
	06-08	100.0	100.0	100.0	99.8	97.9	86.7	67.2	38.7	9.6	75.4	901
	09-11	100.0	100.0	99.0	92.6	73.3	48.6	26.9	14.6	2.8	61.6	901
	12-14	100.0	99.7	94.3	77.1	49.0	30.1	17.4	8.7	.9	53.0	901
	15-17	100.0	99.0	89.7	61.8	39.9	25.9	12.8	6.6	2.0	49.7	901
	18-20	100.0	99.4	94.6	76.2	54.7	34.3	18.9	6.6	1.9	54.3	901
	21-23	100.0	100.0	99.8	95.8	85.7	68.0	47.2	22.3	4.7	68.3	901
	TOTALS	100.0	99.8	97.2	87.2	74.1	58.7	42.6	24.5	5.8	64.8	7201

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-96
MONTH: JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	GR
JUL	00-02	100.0	100.0	100.0	100.0	99.7	94.1	76.5	47.6	12.7	78.9	931	
	03-05	100.0	100.0	100.0	100.0	100.0	98.7	89.8	64.6	20.0	83.4	931	
	06-08	100.0	100.0	100.0	100.0	99.5	96.2	80.4	48.4	13.2	79.9	931	
	09-11	100.0	100.0	100.0	96.9	85.3	59.0	32.0	13.2	2.8	64.6	931	
	12-14	100.0	100.0	97.2	80.1	53.7	25.6	13.0	4.8	1.1	53.2	931	
	15-17	100.0	99.6	93.5	70.5	42.4	19.7	7.3	2.2		49.0	931	
	18-20	100.0	99.8	97.5	85.6	61.9	33.0	17.0	6.0	.6	55.9	931	
	21-23	100.0	100.0	100.0	99.9	95.4	79.1	50.9	24.5	3.5	70.9	931	
	TOTALS	100.0	99.9	98.5	91.6	79.7	63.3	45.9	26.4	6.7	67.0	7440	

GLOBAL CLIMATOLOGY BRANCH
LSAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727520 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: AUG

MONTH	FOLPS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	REL HUM
AUG	00-02	100.0	100.0	99.8	99.7	98.1	93.8	78.5	46.9	10.2	74.6	930
	03-05	100.0	100.0	100.0	99.7	99.4	97.0	90.6	65.6	18.9	83.3	930
	06-08	100.0	100.0	100.0	99.7	99.2	97.2	85.3	57.1	17.1	81.7	930
	09-11	100.0	100.0	99.7	96.8	85.4	60.9	35.8	17.0	3.4	65.5	930
	12-14	100.0	99.6	96.6	79.0	50.8	29.1	16.2	7.8	1.5	53.6	930
	15-17	100.0	96.4	94.1	67.3	38.6	23.7	12.4	5.1	.6	49.8	930
	18-20	100.0	95.8	96.9	86.7	64.7	39.6	22.8	9.1	1.1	57.7	930
	21-23	100.0	100.0	99.7	99.1	94.5	87.9	54.0	24.1	4.0	71.4	930
	TOTALS	100.0	99.7	98.4	91.0	78.8	65.3	49.5	29.1	7.1	67.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-80
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	96.8	89.1	74.7	47.9	15.1	78.3	90
	03-05	100.0	100.0	100.0	100.0	99.6	94.7	81.3	61.9	21.7	82.1	90
	06-08	100.0	100.0	100.0	100.0	99.9	96.4	84.7	59.7	23.7	83.1	900
	09-11	100.0	100.0	99.8	96.8	85.7	67.7	44.1	22.4	6.3	68.1	900
	12-14	100.0	99.7	92.7	76.3	56.6	38.9	24.2	13.0	4.0	56.2	900
	15-17	100.0	97.7	86.1	66.3	47.8	33.0	21.4	11.4	3.3	52.4	900
	18-20	100.0	100.0	96.8	81.2	68.7	51.3	34.2	17.3	4.3	61.6	900
	21-23	100.0	100.0	100.0	98.8	90.9	77.1	58.1	31.4	4.6	72.4	900
	TOTALS	100.0	99.6	96.9	90.4	80.8	68.6	53.1	33.2	10.6	69.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-80
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-01	100.0	100.0	100.0	99.5	95.7	86.7	73.5	44.2	14.1	76.8	930
	03-05	100.0	100.0	100.0	99.8	98.2	93.4	78.1	54.2	14.3	79.5	930
	06-08	100.0	100.0	100.0	100.0	98.7	96.8	83.4	57.3	19.6	80.8	930
	09-11	100.0	100.0	99.8	97.7	89.2	73.4	52.2	26.6	7.6	70.4	930
	12-14	100.0	99.8	96.1	81.4	65.6	43.3	26.5	14.3	4.9	59.0	930
	15-17	100.0	99.7	93.8	75.3	57.6	38.1	24.7	13.4	5.8	56.7	930
	18-20	100.0	99.9	98.6	94.1	81.8	64.0	41.0	20.3	6.7	65.3	930
	21-23	100.0	100.0	100.0	97.7	91.1	80.7	63.4	32.4	9.7	72.9	930
TOTALS		100.0	99.9	98.5	93.8	84.7	72.0	54.6	32.8	10.8	70.3	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: NOV

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-01	100.0	100.0	100.0	99.8	98.7	93.1	77.8	48.4	15.7	75.7	901
	03-05	100.0	100.0	100.0	99.9	99.2	96.6	81.0	52.8	15.6	80.0	901
	06-08	100.0	100.0	100.0	100.0	100.0	98.6	85.3	55.4	19.8	80.9	901
	09-11	100.0	100.0	100.0	99.3	97.2	89.6	69.8	41.0	13.3	76.6	901
	12-14	100.0	100.0	99.2	96.3	87.2	70.7	46.4	25.1	7.0	69.4	901
	15-17	100.0	100.0	98.0	93.2	84.7	69.9	49.1	24.9	5.3	63.1	901
	18-20	100.0	100.0	99.8	98.8	94.0	84.2	68.5	39.4	10.0	74.9	901
	21-23	100.0	100.0	100.0	99.3	97.2	90.4	72.1	44.3	12.9	77.0	901
	TOTALS	100.0	100.0	99.5	98.1	94.8	86.4	68.6	41.4	12.4	75.6	7204

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

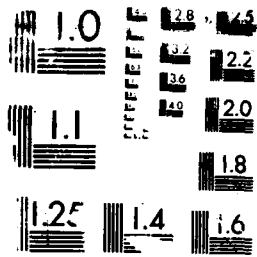
STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-86
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN [RELATIVE HUMIDITY]	TOTAL HOURS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	96.9	64.6	65.5	39.2	16.7	76.0	931
	03-05	100.0	100.0	100.0	99.6	97.1	64.7	65.6	41.9	15.8	76.1	931
	06-08	100.0	100.0	100.0	99.7	96.7	64.5	65.2	41.4	17.2	76.0	931
	09-11	100.0	100.0	100.0	99.8	97.0	63.4	63.2	36.6	16.0	75.0	931
	12-14	100.0	100.0	100.0	97.9	94.3	75.0	55.5	24.9	10.2	71.0	931
	15-17	100.0	100.0	100.0	95.5	91.9	73.9	54.2	24.2	9.9	70.2	931
	18-20	100.0	100.0	100.0	100.0	97.0	81.7	62.9	35.8	13.7	74.6	931
	21-23	100.0	100.0	100.0	100.0	97.0	82.6	64.8	38.2	15.9	75.5	931
	TOTALS	100.0	100.0	100.0	99.8	96.0	81.2	61.5	35.3	14.6	74.4	931

AD-A188 328 HECTOR FIELD FARGO NORTH DAKOTA REVISED UNIFORM SUMMARY 4/4
OF SURFACE WEATHER (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A... DEC 87
UNCLASSIFIED USAFETAC/DS-87/881 F/G 4/2 NL

END
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RESOLUTION TEST CHART

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM	OBS
JAN	ALL	100.0	100.0	100.0	95.9	97.7	79.7	53.0	28.4	9.6	72.3	7437	
FEB		100.0	100.0	100.0	100.0	99.0	86.6	64.4	37.4	11.6	75.3	6766	
MAR		100.0	100.0	99.3	96.3	95.0	84.7	66.6	41.2	11.4	75.2	7439	
APR		100.0	97.1	90.3	81.0	69.3	56.1	40.1	23.0	6.5	61.9	7201	
MAY		100.0	96.9	85.3	71.4	57.2	43.3	30.7	18.1	4.5	56.4	7434	
JUN		100.0	99.8	97.2	87.2	74.1	58.7	42.6	24.5	5.8	64.8	7201	
JUL		100.0	99.9	96.5	91.6	79.7	63.3	45.9	26.4	6.7	67.0	7441	
AUG		100.0	99.7	98.4	91.0	78.8	65.3	49.5	29.1	7.1	67.7	7441	
SEP		100.0	99.6	96.9	90.4	80.8	68.6	53.1	33.2	10.6	69.2	7201	
OCT		100.0	99.9	98.5	93.8	84.7	72.0	54.6	32.8	10.8	70.3	7441	
NOV		100.0	100.0	99.5	98.1	94.8	86.4	68.6	41.4	12.4	75.6	7201	
DEC		100.0	100.0	100.0	99.8	96.0	81.2	61.5	35.3	14.8	74.4	7435	
TOTALS		100.0	99.4	97.0	91.9	83.9	70.5	52.6	30.9	9.3	69.2	87637	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRR	TT	FFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 727530 STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	29.137	29.125	29.046	28.974	28.955	28.931	28.964	28.988	29.030	29.009	29.057	29.079	29.023
	SD	.283	.256	.237	.226	.197	.170	.156	.160	.214	.228	.274	.299	.238
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	29.134	29.121	29.032	28.989	28.951	28.922	28.957	28.984	28.996	29.008	29.050	29.076	29.018
	SD	.283	.258	.242	.229	.203	.173	.158	.160	.217	.227	.278	.300	.240
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	29.132	29.122	29.035	29.003	28.970	28.940	28.977	29.000	29.078	29.017	29.050	29.075	29.027
	SD	.293	.262	.246	.235	.206	.179	.159	.162	.220	.228	.285	.302	.241
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	29.142	29.132	29.049	29.013	28.978	28.946	28.984	29.007	29.018	29.031	29.062	29.088	29.037
	SD	.283	.265	.253	.240	.207	.182	.161	.164	.223	.229	.286	.297	.243
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	29.150	29.140	29.054	29.007	28.965	28.941	28.981	28.999	29.010	29.027	29.060	29.094	29.035
	SD	.285	.266	.253	.236	.205	.180	.158	.165	.225	.231	.285	.297	.244
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	29.113	29.105	29.026	28.975	28.931	28.919	28.956	28.971	28.976	28.993	29.031	29.066	29.005
	SD	.283	.262	.246	.226	.199	.172	.156	.160	.221	.227	.276	.294	.239
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	29.128	29.115	29.029	28.969	28.919	28.908	28.941	28.959	28.974	28.999	29.046	29.082	29.005
	SD	.277	.256	.236	.222	.195	.169	.153	.158	.215	.226	.268	.291	.237
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
21	MEAN	29.127	29.122	29.040	28.987	28.934	28.918	28.949	28.973	28.994	29.008	29.050	29.082	29.015
	SD	.284	.252	.231	.221	.192	.164	.151	.158	.212	.228	.269	.291	.235
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	29.133	29.123	29.039	28.992	28.951	28.928	28.964	28.985	28.997	29.011	29.051	29.080	29.021
	SD	.283	.260	.243	.230	.201	.174	.157	.162	.219	.228	.278	.296	.240
	TOT OBS	2480	2256	2480	2400	2478	2400	2480	2480	2400	2480	2400	2480	29214

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN HGS FROM
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 72753C STATION NAME: HECTOR FLD FARGO ND

PERIOD OF RECORD: 77-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00	MEAN	1021.7	1021.0	1017.6	1015.1	1013.3	1012.1	1013.1	1014.0	1014.8	1015.6	1018.0	1019.5	1016.3
	SD	10.420	9.433	8.545	8.086	7.046	6.048	5.544	5.691	7.689	8.064	9.859	10.857	8.813
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
03	MEAN	1021.7	1020.9	1017.2	1015.0	1013.2	1011.9	1013.0	1014.0	1014.8	1015.6	1017.8	1019.4	1016.2
	SD	10.401	9.529	8.761	8.172	7.256	6.145	5.635	5.713	7.816	8.065	10.014	10.943	8.903
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
06	MEAN	1021.6	1020.9	1017.2	1015.5	1013.8	1012.5	1013.5	1014.5	1015.1	1015.9	1017.8	1019.4	1016.5
	SD	10.382	9.608	8.968	8.368	7.343	6.365	5.660	5.777	7.889	8.118	10.250	11.004	8.919
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
09	MEAN	1022.1	1021.4	1017.9	1015.9	1014.2	1012.8	1013.9	1014.8	1015.6	1016.5	1018.4	1020.0	1016.9
	SD	10.401	9.784	9.160	8.513	7.384	6.480	5.715	5.859	7.982	8.190	10.321	10.898	9.014
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
12	MEAN	1022.2	1021.5	1017.9	1015.5	1013.6	1012.5	1013.7	1014.4	1015.1	1016.2	1018.1	1020.0	1016.7
	SD	10.452	9.785	9.099	8.378	7.312	6.358	5.608	5.851	8.038	8.195	10.242	10.842	9.034
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
15	MEAN	1020.9	1020.4	1017.4	1014.5	1012.5	1011.9	1012.9	1013.5	1014.0	1015.1	1017.1	1019.1	1015.7
	SD	10.371	9.607	8.898	8.071	7.122	6.115	5.563	5.721	7.925	8.079	9.970	10.730	8.653
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
18	MEAN	1021.4	1020.7	1017.0	1014.3	1012.0	1011.4	1012.3	1013.1	1013.9	1015.3	1017.7	1019.6	1015.7
	SD	10.216	9.381	8.534	7.902	6.994	5.955	5.466	5.618	7.716	8.038	9.664	10.607	8.820
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
21	MEAN	1021.6	1021.1	1017.6	1015.0	1012.6	1011.8	1012.7	1013.6	1014.8	1015.7	1018.0	1019.8	1016.2
	SD	10.396	9.338	8.356	7.888	6.887	5.806	5.373	5.597	7.603	8.125	9.717	10.662	8.761
	TOT OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	1021.6	1021.0	1017.4	1015.1	1013.2	1012.1	1013.1	1014.0	1014.8	1015.7	1017.9	1019.6	1016.3
	SD	10.372	9.548	8.789	8.179	7.191	6.168	5.586	5.747	7.839	8.109	9.998	10.807	8.898
	TOT OBS	2480	2256	2480	2400	2478	2400	2480	2480	2400	2480	2400	2480	29214

END

DATE
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